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25 November 2005

**DOCUMENT**  
PFP(NAAG-LG/10)D(2005)0001

**NATO ARMY ARMAMENTS GROUP  
LAND GROUP 10 ON BATTLEFIELD HELICOPTERS**

**Technical Description of Mission Equipment Packages (MEPs)**

**Note by the Secretary**

1. Following the preparation and promulgation of STANAG 4555 on MEPs, Land Group 10 has prepared technical annexes for the various areas :

- Navigation Aids (custodian: FRA)
- Optronics (custodian: DEU):
  - o Part 1 – Flight Vision
  - o Part 2 - Target Acquisition/Identification Systems
- Weapons (custodian: GBR)
- EW Self Protection (custodian: ESP)
- Survivability Equipment (custodian: ITA)

2. These technical annexes are attached to this Document for the purpose information of all NATO Nations.

(Signed) H. BRICHE

Annex 1: Navigational Aids  
Annex 2: Optronics  
Annex 3: Weapons  
Annex 4: EW Self Protection  
Annex 5: Survivability

5 Annexes

Original: English  
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Annex 1 - Part A - STATEMENTS

MISSION EQUIPMENT PACKAGE (MEP) – NAVIGATIONAL AIDS

NAV AIDS EQUIPMENT	STATEMENT OF MISSION NEED	MINIMUM TECHNICAL REQUIREMENT	RELATED STANAGS
Tacan (Tactical air navigation)	An ultra-high frequency electronic rho-theta air navigation aid Provides suitability equipped aircraft a continuous indication of bearing and distance to the TACAN station	Emission frequency : 1025-1150MHz Reception frequency : 962-1213MHz	
Homing	Flight toward a NAVAID, without correcting for wind, by adjusting the aircraft heading to maintain a relative bearing of zero degrees.		
Doppler	Navigation sensor Uses radar beams directed at the ground to derive the aircraft's velocity, providing navigation information	Accuracy better than 2% of the distance or 500m each 15 minutes of flight. KU frequency band, FM-CW modulation	
Inertial	RNAV system based on mechanical inertial principles ( gyro, accelero ) Self contained navigation	Typical deviation in navigation application : $10^{-2}$ à $10^{-3}$ °/h	
GPS	Space based positioning, velocity and time system that has three segments : space, control and user. Consists of 24 satellites in 6 orbital planes operating at an inclination of 55 degrees and with a 12 hour period.	L1 : 1575+/- 10 MHz L2 : 1228+/- 10 MHz RAIM	St 4294 St 4392 St 4550

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NAV AIDS EQUIPMENT	STATEMENT OF MISSION NEED	MINIMUM TECHNICAL REQUIREMENT	RELATED STANAGS
Radar Altimeter	Single frequency radar system Broadcasts a pulsed tone directly downward	Frequency : 4200 to 4400 MHz	
Map Display	Provides digitally generated map video reproduced from aeronautical charts, Digital Feature Analysis Data, Digital Terrain Elevation Data and photographs.		St 7074 St 7098
Data Transmitter	Radio capable of transmitting digital messages		
Weather Radar	Self contained system capable of displaying weather conditions		
Terrain Following Radar	Radar system that scans area in front of aircraft in a vertical direction, thus developing a vertical map for steering commands with elevation/range display.		

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ANNEX 1  
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Annex 1 Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – NAVIGATIONAL AIDS

Aircraft	Navigation Aids										
	Tacan	Homing	Doppler	Inertial	GPS	Radar Altimeter	Map Display	Data transmitter	Weather Radar	Terrain Following Radar	Other
<b>Belgium</b>											
A 109 Armed Helo	none	avail	avail	none	avail	avail	avail	none	none	none	
A109 non armed	none	avail	avail	none	avail	avail	avail	none	none	none	
Alouette II (SA 318)	none	none	none	none	avail	none	none	none	none	none	
Alouette III (SA 319)	none	avail	none	none	avail	avail	none	none	none	none	
Sea King	avail	avail	avail	none	avail	avail	avail	none	none	none	
<b>Bulgaria</b>											
?											
<b>Canada</b>											
CH 146 Griffon											
CH124 Sea King											
<b>Czech republic</b>											
Mi-2											
Mi-8											
Mi-9											
Mi-17 HIP											
Mi-24 HIND											
W-3A SOKOL											

**Annex 1 Part B – NATIONAL CAPABILITIES**  
**MISSION EQUIPMENT PACKAGE (MEP) – NAVIGATIONAL AIDS**

Denmark											
Lynx	none	avail	avail	none	avail	avail	none	avail	none	none	
S-61, Seaking	none	avail	avail	none	avail	avail	none	none	avail	none	
Hughes 500	none	none	none	none	avail	none	none	none	none	none	
AS 550 FENNEC	none	avail	avail	none	avail	avail	none	none	none	none	
EH101 DMRH	avail	avail	avail	avail	avail	avail	avail	none	avail	none	
Estonia											
?											
Finland											
NH 90	none	avail	none	none	avail	avail	avail	none	avail	avail	hoist
Mi-8	none	avail	avail	avail	avail	avail	none	none	avail	none	hoist
MD 500D	none	avail	none	none	avail	avail	none	none	none	none	
MD 500E	none	avail	none	none	avail	avail	none	none	none	none	
AS332	none	avail	avail	none	avail	avail	avail	none	avail	none	hoist
AB206L	none	avail	none	none	none	none	none	none	none	none	
AB412	none	avail	avail	none	avail	avail	none	none	avail	none	hoist

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MISSION EQUIPMENT PACKAGE (MEP) – NAVIGATIONAL AIDS

France											
SA 341 C	none	none	none	none	avail	avail	none	none	none	none	none
SA 342 M1 VIVIANE	none	none	avail	none	avail	avail	avail	PPP	none	none	none
SA 342 L1 AATCP	none	none	avail	none	avail	avail	PPP	PPP	none	none	none
TIGRE	avail	none	avail	avail	avail	avail	avail	avail	none	none	none
SA 330 PUMA	none	PPP	avail	none	PPP	avail	PPP	PPP	avail	none	none
AS 532 COUGAR	avail	PPP	avail	none	avail	avail	PPP	PPP	avail	none	none
AS 532 COUGAR Horizon	avail	none	none	avail	avail	avail	none	avail	avail	none	none
EC 725	avail	avail	avail	avail	avail	avail	avail	PPP	avail	none	none
NH 90	PPP	PPP	PPP	PPP	PPP	PPP	PPP	PPP	PPP	none	none
AS 332	avail	none	avail	none	avail	avail	none	none	avail	none	none
AS 550	avail	none	none	none	PPP	avail	none	none	avail	none	none
SA 330 BA	avail	avail	avail	none	PPP	avail	none	none	avail	none	none
Germany											
CH-53 GS	partly	none	none	none	avail	avail	partly	none	none	none	
CH-53 G	partly	none	none	none	partly	avail	partly	none	none	none	
UH-1D	none	none	partly	none	partly	avail	partly	none	none	none	
BO-105 LUH	none	avail	avail	none	none	none	none	none	none	none	
BO-105 ATH	none	none	avail	none	none	none	none	none	none	none	
NH-90	none	none	avail	avail	avail	avail	avail	avail	avail	none	
UH TIGER	none	none	avail	avail	avail	avail	avail	avail	none	none	
Greece											
AH-64A	none		avail	avail	none	avail	none	none	none	none	
CH-47D	avail		avail	none	Partly	avail	none	Partly	Partly	none	
UH-1H	none		Partly	none	none	none	none	none	none	none	
AB 205											
AB 206											
AB 212											
AS 332C											

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Annex 1 Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – NAVIGATIONAL AIDS

Hungary											
Mi-8 HIP	none	avail	none	none	partly	avail	none	none	none	none	
Mi-17 HIP	none	partly	none	none	partly	avail	none	none	none	none	
Mi-24 HIND "D"	none	avail	avail	none	partly	avail	none	none	none	none	
Mi-24 HIND "V"	none	avail	avail	none	partly	avail	none	none	none	none	
Mi-24 HIND "P"	none	avail	avail	none	partly	avail	none	none	none	none	
Iceland											
?											
Italy											
AB 205	none	avail	partly	none	partly	none	none	none	none	none	
AB 206	none	avail	none	none	none	none	none	none	none	none	
AB 212	none	avail	avail	none	partly	avail	none	none	none	none	
AB 412	none	avail	avail	none	partly	avail	none	none	partly	none	
A 109	none	avail	avail	none	none	avail	none	none	none	none	
A 129	none	avail	avail	avail	partly	avail	none	ppp	none	none	
CH 47	none	avail	avail	ppp	partly	avail	ppp	ppp	none	none	
AS-61						avail		avail			
NH 90	partly/ppp		avail	avail	avail	avail	avail	ppp	avail	none	
NH 500										none	
Latvia											
?											
Lithuania											
?											

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Annex 1 Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – NAVIGATIONAL AIDS

Luxembourg												
?												
Netherlands												
AH 64A												
AH 64D												
CH47 D												
AS 532 U2												
Norway												
UH-1B												
Bell 412					Partly							
Sea King												
Lynx Mk 86												
Poland												
?												
Portugal												
?												
Romania												
?												
Slovakia												
?												
Slovenia												
?												



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MISSION EQUIPMENT PACKAGE (MEP) – NAVIGATIONAL AIDS

Spain											
CH 47D	none	avail	avail	none	avail	avail	none	none	avail	none	VOR/ILS
AS 532	none	avail	avail	none	avail	avail	none	none	avail	none	VOR/ILS
AS 332	none	avail	partly	none	avail	avail	none	none	avail	none	VOR/ILS
UH-1H	none	avail	none	none	avail	avail	none	none	none	none	VOR/ILS
BO-105	none	avail	avail	none	none	none	none	none	none	none	
AB 212	none	avail	none	none	avail	avail	none	none	none	none	VOR/ILS
OH 58D	none	avail	none	none	none	none	none	none	none	none	
Sweden											
CH46											
A 109 LUHS											
NH 90											
AS-332 Puma	none		avail	avail	avail	avail	none	none	avail	none	
BO 105											
AB 204											
AB 206											
Switzerland											
SA 316 Alouette III	none		none	none	none	avail	none	none	none	none	
SA 332M1 Super Puma	none		avail	none	avail	avail	partly	none	avail	none	Avail
AS532 SC Cougar	none		none	avail	avail	avail	avail	none	avail	none	Avail

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MISSION EQUIPMENT PACKAGE (MEP) – NAVIGATIONAL AIDS

Turkey												
AH-1W	avail		avail	PPP	partly	avail	PPP	PPP	none	PPP		
AH-1P	none		avail	none	partly	avail	none	none	none	none		
S-70 A	partly		avail	PPP	partly	avail	PPP	PPP	PPP	PPP		
AS-532 UL	partly		avail	PPP	partly	avail	none	none	PPP	none		
UH-1	none		PPP	none	none	PPP	none	none	none	none		
OH 58B												
AB 204B												
AB 205												
AB 206B												
AB 212												
UK												
UK AH 1 (AH-64D)												
Merlin Mk 3	avail	avail	avail	avail	avail	avail	avail	none	none	none		
Lynx Mk 7	none	avail	avail	none	avail	avail	none	none	none	none		
Lynx Mk 9												
CH47 Mk2/2a	avail	avail	avail	partly	avail	avail	none	none	none	none		
Puma	avail	avail	avail	none	avail	avail	none	none	none	none		VOR/ILS
Gazelle	none	avail	avail	none	none	avail	none	none	none	none		

Annex 1 Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – NAVIGATIONAL AIDS

United States												
AH-64A	none	none	avail	avail	avail	avail	none	none	none	none		
AH-64D	none	none	avail	avail	avail	avail	avail	avail	none	none		
OH-58D	none	avail	avail	avail	avail	avail	avail	avail	none	none		
UH 60L	none	avail	avail	none	avail	avail	none	none	none	none		
HH60L	avail	avail	avail	none	avail	avail	none	none	none	none		
UH 60A	none	avail	avail	none	avail	avail	none	none	none	none		
MH 60L	avail	none	avail	avail	avail	avail	PPP	avail	avail	none	ADF	
MH 60L (IDAP)	avail	none	avail	avail	avail	avail	PPP	avail	avail	none	ADF	
MH60K	avail	none	avail	avail	avail	avail	avail	avail	avail	avail	ADF	
UH60Q	avail	avail	avail	none	avail	avail	none	none	none	none		
CH 47D	none	avail	avail	none	avail	avail	none	none	none	none		
MH 47D	avail	avail	avail	avail	avail	avail	none	avail	avail	none	avail	
MH 47E	avail	avail	avail	avail	avail	avail	avail	avail	avail	avail	avail	

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ANNEX 2  
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**Annex 2 Part B – NATIONAL CAPABILITIES**  
**MISSION EQUIPMENT PACKAGE (MEP) – OPTRONICS(1)**  
**Flight Vision**

Aircraft	II Tubes	FL IR	Low Light TV	Display Systems			Other
				Direct	View integrated	Sensor Fusion	
<b>Belgium</b>							
A 109 Armed Helo	avail	avail	none	none	none	none	
A109 non armed	avail	avail	none	none	none	none	
Alouette II (SA 318)	none	none	none	none	none	none	
Alouette III (SA 319)	none	none	none	none	none	none	
Sea King	none	none	none	none	none	none	
<b>Bulgaria</b>							
?							
<b>Canada</b>							
CH 146 Griffon	avail	none	none	none	none	none	
CH124 Sea King							
<b>Czech republic</b>							
Mi-2							
Mi-8							
Mi-9							
Mi-17 HIP	none	partly	partly	none	none	none	
Mi-24 HIND	ppp	ppp	ppp	avail	none	none	
W-3A SOKOL	none	none	none	none	none	none	

**Annex 2 Part B – NATIONAL CAPABILITIES**  
**MISSION EQUIPMENT PACKAGE (MEP) – OPTRONICS(1)**  
**Flight Vision**

Denmark							
Lynx	none	avail	none	none	none	none	
S-61, Seaking	none	none	none	none	none	none	
Hughes 500	avail	none	none	none	none	none	
AS 550 FENNEC	avail	none	none	none	none	none	
EH101 DMRH	avail	none	none	none	none	none	
Estonia							
?							
Finland							
NH 90	avail	avail	optional	none	avail	none	OWS, HMS
Mi-8	none	none	none	none	none	none	
MD 500D	avail	none	none	none	none	none	
MD 500E	avail	none	none	none	none	none	
AS332	avail	avail	none	none	none	none	
AB206L	none	none	none	none	none	none	
AB412	avail	avail	none	none	none	none	

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**Annex 2 Part B – NATIONAL CAPABILITIES**  
**MISSION EQUIPMENT PACKAGE (MEP) – OPTRONICS(1)**  
**Flight Vision**

France							
SA 341 C	avail	none	none	none	none	none	none
SA 342 M1 VIVIANE	avail	none	none	none	none	none	none
SA 342 L1 AATCP	avail	none	none	none	none	none	none
TIGRE	avail	avail	avail	avail	none	none	none
SA 330 PUMA	avail	none	none	none	none	none	none
AS 532 COUGAR	avail	none	none	none	none	none	none
AS 532 COUGAR Horizon	avail	none	none	none	none	none	none
EC 725	avail	avail	avail	none	avail	none	none
NH 90	PPP	PPP	none	PPP	none	none	none
AS 332	avail	none	none	none	none	none	none
AS 550	avail	none	none	none	none	none	none
SA 330 BA	avail	partly	none	none	none	none	none
Germany							
CH-53 GS	partly	none	none	none	none	none	
CH-53 G	partly	none	none	none	none	none	
UH-1D	partly	none	none	none	none	none	
BO-105 LUH	partly	none	none	none	none	none	
BO-105 ATH	partly	none	none	none	none	none	
NH-90	avail	avail	none	avail	avail	none	
UH TIGER	avail	avail	none	avail	avail	none	

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**Annex 2 Part B – NATIONAL CAPABILITIES**  
**MISSION EQUIPMENT PACKAGE (MEP) – OPTRONICS(1)**  
**Flight Vision**

Greece							
AH-64A	none	avail	avail	avail	avail	avail	
CH-47D	avail	none	none	none	none	none	
UH-1H	partly	none	none	none	none	none	
AB 205							
AB 206							
AB 212							
AS 332C							
Hungary							
Mi-8 HIP	none	none	none	none	none	none	
Mi-17 HIP	none	none	none	none	none	none	
Mi-24 HIND "D"	none	none	none	none	none	none	
Mi-24 HIND "V"	none	none	none	none	none	none	
Mi-24 HIND "P"	none	none	none	none	none	none	
Iceland							
?							

**Annex 2 Part B – NATIONAL CAPABILITIES**  
**MISSION EQUIPMENT PACKAGE (MEP) – OPTRONICS(1)**  
**Flight Vision**

Italy							
AB 205	avail	none	none	none	none	none	
AB 206	avail	none	none	none	none	none	
AB 212	avail	none	none	none	none	none	
AB 412	avail	ppp/partly	none	none	none	none	
A 109	avail	none	none	none	none	none	
A 129	avail	avail	ppp	none	avail	none	
CH 47	avail	none	ppp	none	none	none	
AS-61							
NH 90	avail	avail	none	none	avail	avail	
NH 500			none	none			
Latvia							
?							
Lithuania							
?							
Luxembourg							
?							
Netherlands							
AH 64A							
AH 64D							
CH47 D							
AS 532 U2							



**Annex 2 Part B – NATIONAL CAPABILITIES**  
**MISSION EQUIPMENT PACKAGE (MEP) – OPTRONICS(1)**  
**Flight Vision**

Norway							
UH-1B							
Bell 412	avail						
Sea King							
Lynx Mk 86							
Poland							
?							
Portugal							
?							
Romania							
?							
Slovakia							
?							
Slovenia							
?							

**Annex 2 Part B – NATIONAL CAPABILITIES**  
**MISSION EQUIPMENT PACKAGE (MEP) – OPTRONICS(1)**  
**Flight Vision**

<b>Spain</b>							
CH 47D	avail	none	none	none	none	none	
AS 532	avail	none	none	none	none	none	
AS 332	avail	none	none	none	none	none	
UH-1H	avail	none	none	none	none	none	
BO-105	partly	none	none	none	none	none	
AB 212	avail	none	none	none	none	none	
OH 58D	none	none	none	none	none	none	
<b>Sweden</b>							
CH46							
A 109 LUHS	avail	avail	avail	none	none	none	
NH 90	avail	avail	avail	none	none	none	
AS-332 Puma	ppp	ppp	ppp	none	none	none	
BO 105							
AB 204							
AB 206							
<b>Switzerland</b>							
SA 316 Alouette III	avail		none	none	none	none	
SA 332M1 Super Puma	avail	PPP	none	PPP	none	none	
AS532 SC Cougar	avail		none	none	none	none	

**Annex 2 Part B – NATIONAL CAPABILITIES**  
**MISSION EQUIPMENT PACKAGE (MEP) – OPTRONICS(1)**  
**Flight Vision**

Turkey							
AH-1W	avail	avail	avail	avail	none	none	
AH-1P	avail	avail	avail	avail	none	none	
S-70 A	none	partly	none	none	none	none	
AS-532 UL	none	partly	none	none	none	none	
UH-1	avail	none	none	none	none	none	
OH 58B							
AB 204B							
AB 205							
AB 206B							
AB 212							
UK							
UK AH 1 (AH-64D)	none	avail	No	none	none	none	
Merlin Mk 3	avail	avail	none	avail	none	none	
Lynx Mk 7	avail	none	none	none	none	none	
Lynx Mk 9							
CH47 Mk2/2a	avail	none	none	none	none	none	
Puma	avail	none	none	none	none	none	
Gazelle	avail	none	none	none	none	none	

**Annex 2 Part B – NATIONAL CAPABILITIES**  
**MISSION EQUIPMENT PACKAGE (MEP) – OPTRONICS(1)**  
**Flight Vision**

United States							
AH-64A	none	avail	none	avail	none	none	
AH-64D	none	avail	none	none	none	none	
OH-58D	none	avail	avail	avail	avail	none	
UH 60L	avail	none	none	none	none	none	avail
HH60L	avail	avail	none	none	none	none	avail
UH 60A	avail	none	none	none	none	none	avail
MH 60L	avail	avail	none	none	none	none	
MH 60L (IDAP)	avail	avail	none				
MH60K	avail	avail	none				
UH60Q	avail	avail	none	none	none	none	avail
CH 47D	avail	none	none	none	none	none	
MH 47D	avail	avail	none	none	avail	none	
MH 47E	avail	avail	none	none	avail	none	

Annex 2 Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – OPTRONICS(2)  
Target Acquisition/Identification Systems

Aircraft	Optronics (2) Target Acquisition / Identification Systems							
	Direct View Optronics	High Res TV	High Res IR	Low Light TV	Display Systems			
					Direct	Mono MFD	Colour MFD	Other
<b>Belgium</b>								
A 109 Armed Helo	avail	none	none	none	avail	avail	none	
A109 non armed	avail	none	none	none	avail	avail	none	
Alouette II (SA 318)	none	none	none	none	none	none	none	
Alouette III (SA 319)	none	none	none	none	none	none	none	
Sea King	none	none	none	none	none	none	none	
<b>Bulgaria</b>								
?								
<b>Canada</b>								
CH 146 Griffon	none	none	Avail	none	none	none	none	
CH124 Sea King								
<b>Czech republic</b>								
Mi-2								
Mi-8								
Mi-9								
Mi-17 HIP	none	none	none	none	none	none	none	
Mi-24 HIND	avail	ppp	ppp	ppp	avail	none	ppp	
W-3A SOKOL	none	none	none	none	none	none	none	

Annex 2 Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – OPTRONICS(2)  
Target Acquisition/Identification Systems

Denmark								
Lynx	none	none	none	none	none	none	none	
S-61, Seaking	none	none	avail	none	none	avail	none	
Hughes 500	none	none	none	none	none	none	none	
AS 550 FENNEC	avail	none	none	none	none	none	none	
EH101 DMRH	none	none	avail	avail	none	avail	avail	
Estonia								
?								
Finland								
NH 90	none	none	none	none	none	none	avail	
Mi-8	none	none	none	none	none	none	none	
MD 500D	none	none	none	none	none	none	none	
MD 500E	none	none	none	none	none	none	none	
AS332	none	none	none	none	none	none	none	
AB206L	none	none	none	none	none	none	none	
AB412	none	none	none	none	none	none	none	

Annex 2 Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – OPTRONICS(2)  
Target Acquisition/Identification Systems

France								
SA 341 C	avail	none	none	none	none	none	none	none
SA 342 M1 VIVIANE	avail	none	avail	none	none	avail	none	none
SA 342 L1 AATCP	avail	none	none	none	none	none	none	none
TIGRE	none	avail	avail	avail	avail	none	avail	none
SA 330 PUMA	none	none	avail	none	none	avail	none	none
AS 532 COUGAR	none	none	avail	none	none	avail	none	none
AS 532 COUGAR Horizon	none	none	none	none	none	none	none	radar
EC 725	none	none	avail	none	none	avail	none	none
NH 90	none	none	none	none	none	none	none	none
AS 332	none	none	none	none	none	none	none	none
AS 550	none	none	PPP	none	none	PPP	none	none
SA 330 BA	none	none	none	none	none	none	none	none
Germany								
CH-53 GS	none	none	none	none	none	none	none	
CH-53 G	none	none	none	none	none	none	none	
UH-1D	none	none	none	none	none	none	none	
BO-105 LUH	none	none	none	none	none	none	none	
BO-105 ATH	avail	none	none	none	none	none	none	
NH-90	none	avail	avail	none	none	none	avail	
UH TIGER	none	avail	avail	none	none	none	avail	

**Annex 2 Part B – NATIONAL CAPABILITIES**  
**MISSION EQUIPMENT PACKAGE (MEP) – OPTRONICS(2)**  
**Target Acquisition/Identification Systems**

<b>Greece</b>								
AH-64A	avail	none	none	avail	avail	none	none	
CH-47D								
UH-1H								
AB 205								
AB 206								
AB 212								
AS 332C								
<b>Hungary</b>								
Mi-8 HIP	none	none	none	none	none	none	none	
Mi-17 HIP	none	none	none	none	none	none	none	
Mi-24 HIND "D"	none	none	none	none	none	none	none	
Mi-24 HIND "V"	none	none	none	none	none	none	none	
Mi-24 HIND "P"	none	none	none	none	none	none	none	
<b>Iceland</b>								
?								



**Annex 2 Part B – NATIONAL CAPABILITIES**  
**MISSION EQUIPMENT PACKAGE (MEP) – OPTRONICS(2)**  
**Target Acquisition/Identification Systems**

Italy								
AB 205	none	none	none	none	none	none	none	
AB 206	none	none	none	none	none	none	none	
AB 212	none	none	none	none	none	none	none	
AB 412	none	ppp	ppp	ppp	none	none	none	
A 109	partly	none	none	none	none	none	none	
A 129	avail	ppp	partly	ppp	partly	avail	ppp	
CH 47	none	ppp	ppp	ppp	none	ppp	ppp	
AS-61								
NH 90	none	none	avail	none	avail	none	avail	
NH 500								
Latvia								
?								
Lithuania								
?								
Luxembourg								
?								
Netherlands								
AH 64A								
AH 64D								
CH47 D								
AS 532 U2								

**Annex 2 Part B – NATIONAL CAPABILITIES**  
**MISSION EQUIPMENT PACKAGE (MEP) – OPTRONICS(2)**  
**Target Acquisition/Identification Systems**

Norway								
UH-1B								
Bell 412								
Sea King								
Lynx Mk 86								
Poland								
?								
Portugal								
?								
Romania								
?								
Slovakia								
?								
Slovenia								
?								
Spain								
CH 47D	none	none	none	none	none	none	none	
AS 532	none	none	none	none	none	none	none	
AS 332	none	none	none	none	none	none	none	
UH-1H	none	none	none	none	none	none	none	
BO-105	none	none	none	none	none	none	none	
AB 212	none	none	none	none	none	none	none	
OH 58D	none	none	none	none	none	none	none	

Annex 2 Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – OPTRONICS(2)  
Target Acquisition/Identification Systems

Sweden								
CH46								
A 109 LUHS	none	avail	avail	avail	none	none	avail	
NH 90	none	partly	avail	avail	none	none	avail	
AS-332 Puma	none	ppp	ppp	ppp	none	partly	partly	
BO 105								
AB 204								
AB 206								
Switzerland								
SA 316 Alouette III	none	none	none	none	none	none	none	
SA 332M1 Super Puma	ppp	none	none	none	ppp	none	none	
AS532 SC Cougar	none	none	none	none	none	ppp	none	
Turkey								
AH-1W	avail	avail	avail	avail	avail	none	none	
AH-1P	avail	avail	avail	avail	avail	none	none	
S-70 A	none	none	none	none	none	none	partly	
AS-532 UL	none	none	none	none	none	none	partly	
UH-1	none	none	none	none	none	none	none	
OH 58B								
AB 204B								
AB 205								
AB 206B								
AB 212								

Annex 2 Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – OPTRONICS(2)

UK								
UK AH 1 (AH-64D)	avail	avail	avail	PPP	avail	avail	none	
Merlin Mk 3	none	none	none	none		avail	none	
Lynx Mk 7	avail	none	avail	none		none	none	
Lynx Mk 9								
CH47 Mk2/2a	none	none	none	none		none	none	
Puma	none	none	none	none		none	none	
Gazelle	avail	Partial	Partial	none		none	none	avail
United States								
AH-64A	avail	avail	avail	none	avail	none	none	
AH-64D	avail	avail	avail	none	avail	avail	avail	
OH-58D	none	avail	avail	avail	avail	avail	none/avail	
UH 60L	none	none	none	none	none	none	none	
HH60L	none	none	none	none	none	none	avail	
UH 60A	none	none	none	none	none	none	none	
MH 60L	none	none	avail	none		avail	none	
MH 60L (IDAP)		none	avail	none		avail	avail	
MH60K		none	avail	none		avail	none	
UH60Q	none	none	none	none	none	none	avail	
CH 47D	none	none	none	none	none	none	none	
MH 47D	none	none	avail	none		avail	avail	avail
MH 47E	none	none	avail	none		avail	avail	

Annex 3 - Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – WEAPONS

Aircraft	Type (recce, atk etc)	Weapons					
		Guided Missiles	Air to Air Missiles	Free Flight Rockets	Guns	Directed Energy	Other
<b>Belgium</b>							
A 109 Armed Helo		Avail	none	Avail	Avail	none	
A109 non armed		none	none	none	none	none	
Alouette II (SA 318)		none	none	none	none	none	
Alouette III (SA 319)		none	none	none	none	none	
Sea King		none	none	none	none	none	
<b>Bulgaria</b>							
?							
<b>Canada</b>							
CH 146 Griffon		PPP	none	PPP	Avail	none	
CH124 Sea King							
<b>Czech republic</b>							
Mi-2							
Mi-8							
Mi-9							
Mi-17 HIP							
Mi-24 HIND							
W-3A SOKOL							

Annex 3 - Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – WEAPONS

Denmark							
Lynx	NAVY LYNX	none	none	none	none	none	
S-61, Seaking	SAR	none	none	none	none	none	
Hughes 500	Light recce	none	none	none	none	none	
AS 550 FENNEC	Light recce	none	none	none	none	none	
EH101 DMRH	Medium Lift/SAR	none	none	none	avail	none	
Estonia							
?							
Finland							
NH 90	Tpt, SAR	none	none	none	none	none	Army
Mi-8	Tpt, SAR	none	none	none	none	none	Army
MD 500D	Trng, recce	none	none	none	none	none	Army
MD 500E	Trng, recce	none	none	none	none	none	Army
AS332	SAR, surveillance	none	none	none	none	none	Frontier Guard
AB206L	Training, surveillance	none	none	none	none	none	Frontier Guard
AB412	SAR, surveillance	none	none	none	none	none	Frontier Guard

Annex 3 - Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – WEAPONS

France							
SA 341 C	recce	none	none	none	avail	none	none
SA 342 M1 VIVIANE	anti-tank	avail	none	none	none	none	none
SA 342 L1 AATCP	anti-aircraft	none	avail	none	none	none	none
TIGRE	attack	avail	avail	avail	avail	none	none
SA 330 PUMA	medium lift	none	none	none	avail	none	none
AS 532 COUGAR	medium lift	none	none	none	avail	none	none
AS 532 COUGAR Horizon	Intelligence	none	none	none	none	none	none
EC 725	medium lift	none	none	none	avail	none	none
NH 90	medium lift	none	none	none	none	none	none
AS 332	medium lift	none	none	none	none	none	none
AS 550	utility	none	none	none	avail	none	none
SA 330 BA	medium lift	none	none	none	avail	none	none
Germany							
CH-53 GS	transport	none	none	none	none	none	
CH-53 G	transport	none	none	none	none	none	
UH-1D	transport	none	none	none	none	none	
BO-105 LUH	liaison	none	none	none	none	none	
BO-105 ATH	anti-tank	avail	none	none	none	none	
NH-90	transport	none	none	none	none	none	
UH TIGER	attack	avail	avail	avail	avail	none	

Annex 3 - Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – WEAPONS

Greece							
AH-64A		Avail	Avail	Avail	Avail	none	
CH-47D							
UH-1H							
AB 205							
AB 206							
AB 212							
AS 332C							
Hungary							
Mi-8 HIP	Medium lift	none	none	avail	none	none	
Mi-17 HIP	Medium lift	none	none	avail	none	none	
Mi-24 HIND "D"	Combat-transport	avail	none	avail	avail	none	
Mi-24 HIND "V"	Combat-transport	avail	none	avail	avail	none	
Mi-24 HIND "P"	Combat-transport	avail	none	avail	avail	none	
Iceland							
?							



Annex 3 - Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – WEAPONS

Italy							
AB 205	Utility	none	none	avail	OAG/ PMG	none	
AB 206	recce	none	none	none	OAG	none	
AB 212	utylity	none	none	avail	none	none	
AB 412	utility	none	none	avail	PMG	none	
A 109	recce	none	none	none	none	none	
A 129	atk	avail	ppp	avail	OAG/OAC	none	
CH 47	Heavy lift	none	none	none	PMG	none	
AS-61		none	none	none	PMG	none	
NH 90	Medium lift	none	none	none	PMG	none	
NH 500	trainer	none	none	none		none	
Latvia							
?							
Lithuania							
?							
Luxembourg							
?							
Netherlands							
AH 64A		Avail	none	Avail	Avail	none	
AH 64D		Avail	none	Avail	Avail	none	
CH47 D							
AS 532 U2							

Annex 3 - Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – WEAPONS

Norway							
UH-1B							
Bell 412							
Sea King							
Lynx Mk 86							
Poland							
?							
Portugal							
?							
Romania							
?							
Slovakia							
?							
Slovenia							
?							
Spain							
CH 47D	Cargo	none	none	none	none	none	
AS 532	Medium Lift	none	none	none	none	none	
AS 332	Medium Lift	none	none	none	none	none	
UH-1H	Medium Lift	none	none	avail	avail	none	
BO-105	Atk/Recce	Avail	none	none	Avail	none	
AB 212	Medium Lift	none	none	avail	avail	none	
OH 58D	Recce	none	none	none	avail	none	

Annex 3 - Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – WEAPONS

Sweden							
CH46							
A 109 LUHS							
NH 90							
AS-332 Puma							
BO 105							
AB 204							
AB 206							
Switzerland							
SA 316 Alouette III							
SA 332M1 Super Puma							
AS532 SC Cougar							
Turkey							
AH-1W							
AH-1P							
S-70 A							
AS-532 UL							
UH-1							
OH 58B							
AB 204B							
AB 205							
AB 206B							
AB 212							

Annex 3- Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – WEAPONS

UK							
UK AH 1 (AH-64D)	Attk	avail	none	avail	avail	none	
Merlin Mk 3	Medium Lift	none	none	none	avail	none	
Lynx Mk 7	Attack	avail	none	none	avail	none	
Lynx Mk 9	Light Utility	none	none	none	avail	none	
CH47 Mk2/2a	Hvy Lift	none	none	none	avail	none	
Puma	Medium Lift	none	none	none	avail	none	
Gazelle	Recce	none	none	none	none	none	
United States							
AH-64A	Attack	Avail	none	avail	avail	none	
AH-64D	Attack	Avail	Avail	Avail	avail	none	
OH-58D	Recce/Attk	Avail	Avail	avail	avail	none	
UH 60L	Medium Lift	none	none	none	avail	none	
HH60L	Medivac	none	none	none	none	none	
UH 60A	Medium Lift	none	none	none	avail	none	
MH 60L	Assault	none	none	none	avail	none	
MH 60L (IDAP)	Assault	Avail	Avail	avail	avail	none	
MH60K	Assault	none	none	none	avail	none	
UH60Q	Medivac	none	none	none	none	none	
CH 47D	Cargo	none	none	none	avail	none	
MH 47D	Hvy Asslt / Cargo	none	none	none	avail	none	
MH 47E	Hvy Asslt / Cargo	none	none	none	avail	none	

Annex 4 - part A – STATEMENTS

**MISSION EQUIPMENT PACKAGE (MEP) – ELECTRONIC WARFARE (EW) SELF PROTECTION**

COMMS EQUIPMENT EW Self Protection Features	STATEMENT OF MISSION NEED	MINIMUM TECHNICAL REQUIREMENT	RELATED STANAGS
<b>UHF AM-FH</b>	Air to air and air to ground secure comms. Normally used to establish contact among air assets and air means with air traffic control facilities.	Voice / data radio with a frequency range between 225-400 MHz. Working scheme: half-duplex.	4246 4205
<b>VHF FM-FH</b>	Air to ground secure comms. Normally used to establish contact with ground units. Also used to establish contact among air assets and air means with air traffic control facilities	Voice / data radio with a frequency range between 35-87.975 MHz. Working scheme: half-duplex.	4292 4204
<b>HF-ALE</b>	Long distance air to ground secure comms. Normally used to establish contact with the unit HQ or higher echelons.	Voice / data radio with a frequency range between 2-30 MHz. Amplitude Modulation (AM) normally working in Single Lateral Band (SLB). Working scheme: half-duplex.	4538 4539
<b>SATCOM</b>	Long distance air to ground secure comms. Normally used to establish contact with the unit HQ or higher echelons.	Voice / data comms via satellite with a frequency range between 225-400 MHz. Working scheme: half-duplex.	4492
<b>IFF MODE 2</b>	Identification Friend or Foe mode 2 for military purposes only using 4096 possible reply codes with known technical features.	Technical description according to related STANAG,s.	4193
<b>IFF MODE 4</b>	Identification Friend or Foe mode 4 for military purposes only using cryptographic means to enable communications between interrogator and objective.	Not available.	4193
<b>Electronic Deception (Radar Jammer)</b>	Electronic device intended for jamming hostile radar signals using a wide scope of different deception technics.	Bandwidth from 2 Ghz up to 18 Ghz. It should include responses against both pulse and continuous wave radars.	
<b>Electronic Deception (Infrared Jammer)</b>	Electronic device intended for jamming infrared guided missiles.	Wavelength from 1.5 µm up to 6 µm. It should include responses against a wide range of missile seekers.	

The terminology contained in this document is according to ITU (International Telecommunications Union).

Annex 4 Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – EW-Self Protection

Aircraft	Electronic Warfare / Self Protection									
	UHF AM –FH	VHF FM – FH	HF – ALE	SATCOM	IFF Mode 2	IFF Mode 4	IFF Mode S	Electronic Deception		
								Radar Jam	IR Jam	Other
<b>Belgium</b>										
A 109 Armed Helo	avail	avail	avail	none	avail	none	none	none	none	none
A109 non armed	avail	avail	avail	none	avail	none	none	none	none	none
Alouette II (SA 318)	none	avail	none	none	avail	none	none	none	none	none
Alouette III (SA 319)	avail	avail	none	none	avail	none	none	none	none	none
Sea King	avail	none	avail	none	avail	none	none	none	none	none
<b>Bulgaria</b>										
?										
<b>Canada</b>										
CH 146 Griffon	avail	avail	avail	none	avail	avail		none		
CH124 Sea King										
<b>Czech republic</b>										
Mi-2										
Mi-8										
Mi-9										
Mi-17 HIP										
Mi-24 HIND										
W-3A SOKOL										

**Annex 4 Part B – NATIONAL CAPABILITIES**

**MISSION EQUIPMENT PACKAGE (MEP) – EW-Self Protection**

Denmark										
Lynx	none	none	none	none	avail	avail		none		
S-61, Seaking	avail	avail	avail	none	avail	none		none		
Hughes 500	none	none	none	none	avail	none		none		
AS 550 FENNEC	none	none	none	none	avail	avail		none		
EH101 DMRH	avail	avail	avail	avail	avail	avail	avail	avail		
Estonia										
?										
Finland										
NH 90	avail	avail	avail	none	avail	avail		avail	avail	
Mi-8	none	none	none	none	avail			none	avail	
MD 500D	none	none	none	none	avail			none	none	
MD 500E	none	none	none	none	avail			none	none	
AS332	none	none	none	none	avail			none	none	
AB206L	none	none	none	none	avail			none	none	
AB412	none	none	none	none	avail			none	none	

Annex 4 Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – EW-Self Protection

France										
SA 341 C	avail	avail	none	none	avail	avail	none	none	none	none
SA 342 M1 VIVIANE	avail	avail	none	none	avail	avail	none	none	none	none
SA 342 L1 AATCP	avail	avail	none	none	avail	avail	none	none	none	none
TIGRE	avail	avail	none	none	avail	avail	none	none	none	none
SA 330 PUMA	avail	avail	PPP	none	avail	avail	PPP	none	none	none
AS 532 COUGAR	avail	avail	avail	none	avail	avail	PPP	none	none	none
AS 532 COUGAR Horizon	avail	avail	none	none	avail	avail	none	none	none	none
EC 725	avail	avail	avail	PPP	avail	avail	avail	none	none	none
NH 90	PPP	PPP	none	none	PPP	PPP	PPP	none	none	none
AS 332	none	none	avail	none	avail	avail	none	none	none	none
AS 550	none	PPP	none	none	avail	PPP	PPP	none	none	none
SA 330 BA	none	none	none	none	avail	PPP	PPP	none	none	none
Germany										
CH-53 GS	partly	PPP	none	none	avail	avail	PPP	none		
CH-53 G	partly	PPP	none	none	avail	avail	PPP	none		
UH-1D	none	PPP	none	none	avail	avail	partly	none		
BO-105 LUH	none	PPP	none	none	avail	avail	PPP	none		
BO-105 ATH	none	PPP	none	none	avail	avail	PPP	none		
NH-90	avail	avail	avail	none	avail	avail	avail	none		
UH TIGER	avail	avail	avail	none	avail	avail	avail	none		



Annex 4 Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – EW-Self Protection

Greece										
AH-64A	avail	none	none	none	avail	none		avail		
CH-47D	avail	none	partly	none	avail	none		partly		
UH-1H	none	none	none	none	avail	none		none		
AB 205										
AB 206										
AB 212										
AS 332C										
Hungary										
Mi-8 HIP	none	none	none	none	partly	none	none	none	none	
Mi-17 HIP	none	none	none	none	avail	partly	none	none	none	
Mi-24 HIND "D"	none	none	none	none	partly	partly	none	none	partly	
Mi-24 HIND "V"	none	none	none	none	partly	partly	none	none	partly	
Mi-24 HIND "P"	none	none	none	none	avail	ppp	none	none	partly	
Iceland										
?										

Annex 4 Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – EW-Self Protection

Italy										
AB 205	none	none	none	ppp	avail	avail	none	none	partly	
AB 206	none	none	none	none	avail	avail	none	none	none	
AB 212	partly/ppp	none	none	ppp	avail	avail	none	none	none	
AB 412	avail	none	none	ppp	avail	avail	none	none	partly	
A 109	none	none	none	ppp	avail	avail	none	none	none	
A 129	avail	partly	none	ppp	avail	avail	none	partly	partly	
CH 47	partly	none	none	ppp	avail	avail	none	none	partly	
AS-61					avail	avail				
NH 90	avail	avail	avail	avail	avail	avail	avail	none	none	
NH 500			none		avail					
Latvia										
?										
Lithuania										
?										
Luxembourg										
?										
Netherlands										
AH 64A										
AH 64D										
CH47 D										
AS 532 U2										

Annex 4 Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – EW-Self Protection

Norway										
UH-1B										
Bell 412										
Sea King										
Lynx Mk 86										
Poland										
?										
Portugal										
?										
Romania										
?										
Slovakia										
?										
Slovenia										
?										
Spain										
CH 47D	partly	PPP	none	none	avail	avail	none	none / PPP	none	
AS 532	avail	partly	none	none	avail	avail	none	none / PPP	none	
AS 332	PPP	PPP	none	none	avail	partly	none	none / PPP	none	
UH-1H	none	none	none	none	avail	partly	none	none	none	
BO-105	none	none	none	none	avail	partly	none	none	none	
AB 212	none	none	none	none	avail	partly	none	none	none	
OH 58D	none	none	none	none	avail	none	none	none	none	

Annex 4 Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – EW-Self Protection

Sweden										
CH46	partly	none	none	none	none	none		none	none	
A 109 LUHS										
NH 90										
AS-332 Puma	partly	partly	none	none	none	none		none	none	
BO 105	none	partly	none	none	none	none		none	none	
AB 204										
AB 206										
Switzerland										
SA 316 Alouette III	avail	avail	none	none	partly	partly		none		
SA 332M1 Super Puma	avail	avail	avail	none	avail	avail		none		
AS532 SC Cougar	avail	avail	avail	none	avail	avail		PPP		
Turkey										
AH-1W										
AH-1P										
S-70 A										
AS-532 UL										
UH-1										
OH 58B										
AB 204B										
AB 205										
AB 206B										
AB 212										

**Annex 4 Part B – NATIONAL CAPABILITIES**

**MISSION EQUIPMENT PACKAGE (MEP) – EW-Self Protection**

UK										
UK AH 1 (AH-64D)	avail	avail	none	none	avail	avail		none		
Merlin Mk 3	avail	avail	none	none	avail	avail		none		
Lynx Mk 7	avail	none	none	none	none	none		none		
Lynx Mk 9										
CH47 Mk2/2a	avail	avail	none	none	avail	avail		none		
Puma	avail	none	none	none	avail	avail		avail (AN/ALQ 144A)		
Gazelle	avail	none	none	none	avail	avail		none		
United States										
AH-64A	avail	avail	avail	none	avail	avail		none	none	
AH-64D	avail	avail	avail	none	avail	avail		none	none	
OH-58D	avail	avail	none	none	avail	avail		none	avail	
UH 60L	avail	avail	avail	none	avail	avail		none	none	
HH60L	avail	avail	avail	none	avail	avail		none	none	
UH 60A	avail	avail	avail	none	avail	avail		none	none	
MH 60L	avail		avail	avail	avail	avail		avail	avail	
MH 60L (IDAP)	avail	avail	avail	avail	avail	avail		avail	avail	
MH60K	avail	avail	avail	avail	avail	avail		avail	avail	
UH60Q	avail	avail	avail	none	avail	avail		none	none	
CH 47D	avail	avail	avail	none	avail	avail		none	none	
MH 47D	avail	avail	avail	avail	avail	avail		none	none	
MH 47E	avail	avail	avail	avail	avail	avail		none	none	

Annex 5 Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – Survivability Equipment

Aircraft	Survivability Equipment								
	EW Warnings and C'measures	Engine IR suppressor	Obstacle Warning System	Aircrew Survivability Vest	Underwater Locator Beacon	Emergency Locator Beacon	Add on Ballistic Protection	Ballistic Warning System	Other
<b>Belgium</b>									
A 109 Armed Helo	avail	avail	none	avail	none	avail	avail	none	
A109 non armed	avail	avail	none	avail	none	avail	avail	none	
Alouette II (SA 318)	none	none	none	avail	none	none	none	none	
Alouette III (SA 319)	none	none	none	avail	none	none	none	none	
Sea King	none	none	none	avail	none	avail	none	none	
<b>Bulgaria</b>									
?									
<b>Canada</b>									
CH 146 Griffon		avail					avail		
CH124 Sea King									
<b>Czech republic</b>									
Mi-2									
Mi-8									
Mi-9									
Mi-17 HIP									
Mi-24 HIND									
W-3A SOKOL									

Annex 5 Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – Survivability Equipment

Denmark									
Lynx	none	none	none	avail	avail	avail	none	none	
S-61, Seaking									
Hughes 500	none	none	none	avail	avail	avail	avail	none	
AS 550 FENNEC	none	none	none	avail	avail	avail	avail	none	
EH101 DMRH	avail	none	avail	avail	avail	avail	avail	none	Avail
Estonia									
?									
Finland									
NH 90	avail	avail	avail	avail	avail	avail	avail		
Mi-8	none	none	none	avail	none	avail	avail		
MD 500D	none	none	none	avail	none	avail			
MD 500E	none	none	none	avail	none	avail			
AS332	none	none	none	none	avail	avail			
AB206L	none	none	none	none	none	avail			
AB412	none	none	none	none	avail	avail			

Annex 5 Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – Survivability Equipment

France									
SA 341 C	partly	avail	none	avail	none	avail	partly	none	none
SA 342 M1 VIVIANE	partly	avail	none	avail	none	avail	partly	none	none
SA 342 L1 AATCP	partly	avail	none	avail	none	avail	partly	none	none
TIGRE	avail	avail	none	avail	none	avail	partly	none	none
SA 330 PUMA	partly	none	none	avail	none	avail	partly	none	none
AS 532 COUGAR	partly	avail	none	avail	none	avail	partly	none	none
AS 532 COUGAR Horizon	partly	avail	none	avail	none	avail	partly	none	none
EC 725	avail	avail	none	avail	none	avail	partly	none	none
NH 90	PPP	PPP	none	PPP	none	PPP	PPP	none	none
AS 332	partly	avail	none	avail	none	avail	partly	none	none
AS 550	none	none	none	avail	none	avail	none	none	none
SA 330 BA	partly	none	none	avail	none	avail	partly	none	none
Germany									
CH-53 GS	none	none	none	avail	none	none	avail	none	
CH-53 G	none	none	none	avail	none	none	avail	none	
UH-1D	none	none	none	avail	none	none	avail	none	
BO-105 LUH	none	none	none	avail	none	none	avail	none	
BO-105 ATH	none	none	none	avail	none	none	avail	none	
NH-90	avail	avail	avail	avail	none	none	avail	none	
UH TIGER	none	avail	none	avail	none	none	avail	none	



Annex 5 Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – Survivability Equipment

Greece									
AH-64A	Avail	avail	none	avail	none	none	none	none	
CH-47D	avail	none	none	avail	none	none	Partly	avail	
UH-1H	none	Partly	none	avail	none	none	none	none	
AB 205									
AB 206									
AB 212									
AS 332C									
Hungary									
Mi-8 HIP	none	none	none	avail	none	avail	none	none	
Mi-17 HIP	none	none	none	avail	none	avail	none	none	
Mi-24 HIND "D"	partly	none	none	avail	none	avail	partly	none	
Mi-24 HIND "V"	partly	none	none	avail	none	avail	partly	none	
Mi-24 HIND "P"	partly	none	none	avail	none	avail	partly	none	
Iceland									
?									

Annex 5 Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – Survivability Equipment

Italy									
AB 205	ppp	partly	none	avail	none	none	partly	partly	
AB 206	none	none	none	avail	none	none	none	none	
AB 212	partly/ppp	ppp	none	avail	none	none	partly	none	
AB 412	avail/ppp	partly	none	avail	none	none	partly	none	
A 109	none	none	none	avail	none	none	none	none	
A 129	avail/ppp	avail	none	avail	none	none	avail	none	
CH 47	ppp	ppp	none	avail	ppp	none	partly	none	
AS-61				avail					
NH 90	avail	none	ppp	avail	avail	avail		none	
NH 500		none		avail				none	
Latvia									
?									
Lithuania									
?									
Luxembourg									
?									
Netherlands									
AH 64A									
AH 64D									
CH47 D									
AS 532 U2									

Annex 5 Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – Survivability Equipment

Norway									
UH-1B									
Bell 412									
Sea King									
Lynx Mk 86									
Poland									
?									
Portugal									
?									
Romania									
?									
Slovakia									
?									
Slovenia									
?									
Spain									
CH 47D	avail (RWR)	None	None	avail	None	None	PPP	None	
AS 532	avail (RWR)	Partly	None	avail	None	Avail	PPP	None	
AS 332	avail (RWR)	None	None	avail	None	none	PPP	None	
UH-1H	none	Partly	None	avail	None	none	Partly	None	
BO-105	none	None	None	avail	None	none	None	None	
AB 212	none	none	none	none	none	none	None	None	
OH 58D	none	none	none	none	none	none	None	None	

Annex 5 Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – Survivability Equipment

Sweden									
CH46									
A 109 LUHS									
NH 90									
AS-332 Puma									
BO 105									
AB 204									
AB 206									
Switzerland									
SA 316 Alouette III	none	none	none	PPP	avail		Partly	none	
SA 332M1 Super Puma	none	Partly	none	PPP	avail		Partly	none	
AS532 SC Cougar	PPP	Partly	Avail	PPP	avail		PPP	none	
Turkey									
AH-1W									
AH-1P									
S-70 A									
AS-532 UL									
UH-1									
OH 58B									
AB 204B									
AB 205									
AB 206B									
AB 212									

Annex 5 Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – Survivability Equipment

UK									
UK AH 1 (AH-64D)	avail	avail	none	avail	none	avail	none	none	Avail
Merlin Mk 3	avail	none	none	avail	avail	avail	avail	none	Avail
Lynx Mk 7	avail	avail	none	avail	none	none	avail	none	
Lynx Mk 9								none	
CH47 Mk2/2a	avail	none	none	avail	avail	avail	avail	none	
Puma	avail (RWR)	none	none	avail	avail	avail	avail	none	avail
Gazelle	avail (RWR)	avail	none	avail	avail	avail	avail	none	
United States									
AH-64A	avail	avail	none	avail	none	none	none	none	
AH-64D	avail	avail	none	avail	avail	avail	none	none	
OH-58D	avail	avail	none	avail	none	none	avail	none	
UH 60L	avail	avail	none	avail	none	none	avail	none	
HH60L	avail	avail	none	avail	none	none	avail	none	
UH 60A	avail	avail	none	avail	none	none	avail	none	
MH 60L	avail	avail	none	avail	avail	avail	avail	none	avail
MH 60L (IDAP)	avail	avail	none	avail	avail	avail	avail	none	
MH60K	avail	avail	none	avail	avail	avail	avail	none	
UH60Q	avail	avail	none	avail	none	none	avail	none	
CH 47D	avail	none	none	avail	none	none	avail	none	
MH 47D	avail	none	none	avail	avail	avail	avail	none	
MH 47E	avail	none	none	avail	avail	avail	avail	none	

Annex 5 - Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – Survivability Equipment

Aircraft	MISSION EQUIPMENT PACKAGE (MEP) – Survivability Equipment						
	Chaff / flare	RWR	LWR	IR Jammer	Radar Jammer	Missile Launch Warner	Missile Approach Warner
<b>Belgium</b>							
A 109 Armed Helo	avail	avail	none	none	none	none	none
A109 non armed	avail	avail	none	none	none	none	none
Alouette II (SA 318)	none	none	none	none	none	none	none
Alouette III (SA 319)	none	none	none	none	none	none	none
Sea King	none	none	none	none	none	none	none
<b>Bulgaria</b>							
?							
<b>Canada</b>							
CH 146 Griffon	avail	avail				avail	avail
CH124 Sea King							
<b>Czech republic</b>							
Mi-2							
Mi-8							
Mi-9							
Mi-17 HIP							
Mi-24 HIND							
W-3A SOKOL							

Annex 5 - Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – Survivability Equipment

Denmark							
Lynx	none	avail	none	none	none	none	none
S-61, Seaking							
Hughes 500	none	none	none	none	none	none	none
AS 550 FENNEC	none	avail	none	none	none	none	none
EH101 DMRH	avail	avail	avail	none	avail	avail	avail
Estonia							
?							
Finland							
NH 90	avail	avail	avail	avail	avail	none	none
Mi-8	avail	none	none	none	none	none	none
MD 500D	none	none	none	none	none	none	none
MD 500E	none	none	none	none	none	none	none
AS332	none	none	none	none	none	none	none
AB206L	none	none	none	none	none	none	none
AB412	none	none	none	none	none	none	none

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Annex 5 - Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – Survivability Equipment

France							
SA 341 C	avail	avail	none	none	none	none	none
SA 342 M1 VIVIANE	avail	avail	none	none	none	none	none
SA 342 L1 AATCP	avail	avail	none	none	none	none	none
TIGRE	avail	avail	avail	none	none	PPP	none
SA 330 PUMA	avail	avail	none	none	none	none	PPP
AS 532 COUGAR	avail	PPP	none	none	none	none	PPP
AS 532 COUGAR Horizon	avail	Avail	none	none	none	none	avail
EC 725	avail	Avail	avail	none	none	none	avail
NH 90	PPP	PPP	PPP	none	none	PPP	none
AS 332	avail	none	none	none	none	none	none
AS 550	none	none	none	none	none	none	none
SA 330 BA	avail	PPP	none	none	none	none	PPP
Germany							
CH-53 GS	avail	avail	avail	none	none	none	avail
CH-53 G	none	none	none	none	none	none	none
UH-1D	none	none	none	none	none	none	none
BO-105 LUH	none	none	none	none	none	none	none
BO-105 ATH	none	avail	none	none	none	none	none
NH-90	avail	avail	avail	none	none	none	avail
UH TIGER	avail	avail	avail	none	none	avail	avail



Annex 5 - Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – Survivability Equipment

Greece							
AH-64A	Avail	Avail			Avail		
CH-47D							
UH-1H							
AB 205							
AB 206							
AB 212							
AS 332C							
Hungary							
Mi-8 HIP	none	none	none	none	none	none	none
Mi-17 HIP	none	none	none	none	none	none	none
Mi-24 HIND "D"	partly	avail	none	partly	none	none	none
Mi-24 HIND "V"	partly	avail	none	partly	none	none	none
Mi-24 HIND "P"	partly	avail	none	partly	none	none	none
Iceland							
?							

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ANNEX 5  
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Annex 5 - Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – Survivability Equipment

Italy							
AB 205	ppp	ppp	ppp	partly	none	ppp	none
AB 206	none	none	none	none	none	none	none
AB 212	ppp	ppp	ppp	none	none	ppp	none
AB 412	partly	partly	ppp	partly	none	ppp	none
A 109	none	partly	none	none	none	none	none
A 129	partly	avail	avail	avail	partly	ppp	none
CH 47	partly	ppp	ppp	partly	none	ppp	none
AS-61							
NH 90	avail	avail	avail	none	none	avail	none
NH 500				none	none		
Latvia							
?							
Lithuania							
?							
Luxembourg							
?							
Netherlands							
AH 64A	Partly	Avail	none	Avail	Avail	none	none
AH 64D	PPP	PPP	PPP	PPP	none / PPP	none / PPP	none
CH47 D	Avail	Avail	none	PPP	none	Avail	Avail
AS 532 U2	Avail	Avail	none	PPP	none	Avail	Avail

Annex 5 - Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – Survivability Equipment

Norway							
UH-1B							
Bell 412	avail	avail		avail			
Sea King							
Lynx Mk 86							
Poland							
?							
Portugal							
?							
Romania							
?							
Slovakia							
?							
Slovenia							
?							
Spain							
CH 47D	PPP	avail	none	none	none	none	none
AS 532	Partly	Partly	none	none	none	none	none
AS 332	Partly	avail	none	none	none	none	none
UH-1H	none	none	none	none	none	none	none
BO-105	none	none	none	none	none	none	none
AB 212	none	none	none	none	none	none	none
OH 58D	none	none	none	none	none	none	none

Annex 5 - Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – Survivability Equipment

Sweden							
CH46							
A 109 LUHS							
NH 90							
AS-332 Puma							
BO 105							
AB 204							
AB 206							
Switzerland							
SA 316 Alouette III	none	none	none		none	none	none
SA 332M1 Super Puma	none	none	none		none	none	none
AS532 SC Cougar	partly	partly	partly				partly
Turkey							
AH-1W							
AH-1P							
S-70 A							
AS-532 UL							
UH-1							
OH 58B							
AB 204B							
AB 205							
AB 206B							
AB 212							

Annex 5 - Part B – NATIONAL CAPABILITIES

MISSION EQUIPMENT PACKAGE (MEP) – Survivability Equipment

UK							
UK AH 1 (AH-64D)	avail	avail	avail	none	none	avail	avail
Merlin Mk 3	avail	avail	avail	none	none	avail	avail
Lynx Mk 7	avail	avail	none	avail	none	avail	avail
Lynx Mk 9	avail	avail	none	avail	none	avail	avail
CH47 Mk2/2a	avail	avail	none	avail	none	avail	avail
Puma							
Gazelle	none	avail	none	none	none		
United States							
AH-64A	avail	avail	avail	avail	avail	none	none
AH-64D	avail	avail	avail	avail	avail	none	none
OH-58D	none	avail	avail	avail	none	none	none
UH 60L	avail	avail	none	avail	none	none	none
HH60L	avail	avail	none	avail	none	none	none
UH 60A	avail	avail	none	avail	none	none	none
MH 60L	avail	avail	avail	avail	none	avail	avail
MH 60L (IDAP)	avail	avail	avail	avail	none	avail	avail
MH60K	avail	avail	avail	avail	avail	avail	avail
UH60Q	avail	avail	none	avail	none	none	none
CH 47D	avail	avail	none	none	none	none	avail
MH 47D	avail	avail	avail	none	none	none	avail
MH 47E	avail	avail	avail	none	none	none	avail