

### British Army Dismounted Infantry Load Carraige

ITEMS WORN BY SOLIDER		
Item	Category	Weight (Kg)
Helmet (VIRTUS 2.32)	<b>Survival / Personal Protective Equipment</b>	1.42
Load carrying equipment (VIRTUS Torso sub-system @4.99 kg including 2x Enhanced Combat Body Armour (ECBA) plates @ 1.16 kg each; plus belt and equipment pouches @ 2.26 kg)		7.25
Ballistic eye protection		0.05
Tactical In-Ear Hearing Protection System (THPS)		0.10
Combat gloves		0.08
Knee pads		0.30
Respirator & carrier		1.22
Spare canister		0.23
CBRN Decontamination Kit Personal (DKP)		0.11
3 x Autoject Combipen (Anti-Nerve Agent)		0.10
CBRN jacket & trousers		3.06
Underwear & socks		0.08
MTP jacket, trousers & shirt		2.40
Boots		1.09
Headover		0.04
Clasp knife / multi-tool		<b>Personal sustainment</b>
Field Dressing (FFD) / CAT / Morphine	0.19	
Matches	0.01	
ID discs	0.02	
Snack pack	<b>Command &amp; Battlespace management (CBM)</b>	0.50
Compass (Silva)		0.04
Notebook & pencil / permanent pen		0.15
Watch		0.04
Whistle		0.02
Map		0.17
<b>TOTAL WEIGHT ON PERSON</b>		<b>18.96</b>
<b>TOTAL excluding CBRN equipment</b>	4.71	<b>14.25</b>
<b>TOTAL excluding body armour</b>	4.99	<b>9.26</b>
ASSAULT ORDER		
Item	Category	Weight (Kg)
Personal weapon (SA80A2) & sling	<b>Lethality</b>	4.63
Laser Light Module (LLM)		0.21
4 x magazines of 5.56 mm ammunition		2.44
Grenades ( 1 x HE + 1 x Phosphorus)		0.83
Bayonet & scabbard		0.30
Speed loader		0.03
Weapon cleaning kit (combination tool, pul through, oil bottle & flannelette)		0.15
Head Mounted Night Vision System (HMNVS)	<b>Intelligence, surveillance and recognition</b>	0.45
Common Weapon Sight / FIST Thermal Sight (CWS / FTS)		1.27
Water bottle / Hydration system	<b>Personal sustainment</b>	1.30
Sandbag		0.43
Personal Role Radio (PRR)	<b>Command and Battlespace management</b>	0.52

ITEMS WORN BY SOLIDER			
Item	Category	Weight (Kg)	
<b>TOTAL ADDITIONAL WEIGHT</b>		<b>12.55</b>	
<b>PATROL ORDER</b>			
Item	Category	Weight (Kg)	
Waterproof jacket & trousers	Survival / Personal Protective Equipment	0.98	
Thermal trousers		1.20	
Thermal jacket		0.80	
Hat (Extreme Cold Weather)		0.12	
Bandolier (150 x 5.56 mm ammunition)	Lethality	2.07	
50 x 7.62 mm ammunition link		1.38	
Additional weapon maintenance kit		0.32	
2nd water bottle	Personal sustainment	1.30	
24-hour ration pack		2.10	
Metal mug		0.13	
Spoon		0.05	
Hexamine cooker		0.39	
Cyalume		0.02	
Entrenching Tool Hand (ETH)		1.34	
Torch		0.10	
Insect repellent		0.75	
Day sack		2.63	
All Arms Tactical Aide memoire (ATAM) / Report & Orders cards		Command & Battlespace Management (CBM)	0.36
Protractor			0.04
30m Paracord			0.20
<b>TOTAL ADDITIONAL WEIGHT</b>		<b>16.26</b>	
<b>MARCHING ORDER</b>			
Sleeping bag	Personal sustainment	3.50	
Roll mat		0.60	
Bivvie Bag		0.86	
Shelter (Sheet, pegs, bungies)		1.17	
Thermal underwear		0.60	
Spare trousers		0.45	
Spare shirt		0.48	
Spare socks		0.43	
Foot powder		0.25	
Washing & shaving kit (razor, soap, shaving soap, spare blades, comb, hairbrush, mirror, toothbrush and toothpaste )		0.56	
Housewife (sewing kit)		0.03	
Boot cleaning kit (two brushes and shoe polish)		0.17	
Towel		0.41	
2nd 24-hour ration pack		2.10	
Mess tin		0.40	
Training shoes		0.73	
Bergen rucksack		3.44	
<b>TOTAL ADDITIONAL WEIGHT</b>			<b>16.17</b>
Load Summary		63.94	

ITEMS WORN BY SOLDIER		
Item	Category	Weight (Kg)
<b>ON THE SOLDIER</b>		18.96
<b>ASSAULT ORDER</b>		12.55
<b>PATROL ORDER</b>		16.26
<b>MARCHING ORDER</b>		16.17
<b>TOTAL Equipment Weight</b>		<b>63.94</b>
<b>TOTAL Equipment Weight excl. Body Armour</b>		<b>58.95</b>
<b>TOTAL Equipment Weight excl. Body Armour &amp; CBRN equt.</b>		<b>54.24</b>
<b>Survival / Personal Protective Equipment</b>	32.2%	20.60
<b>Lethality</b>	19.3%	12.35
<b>Intelligence, Surveillance &amp; Recognition</b>	2.7%	1.72
<b>Personal sustainment</b>	43.4%	27.74
<b>Command &amp; Battlespace Management</b>	2.4%	1.53
<b>TOTAL</b>	100.0%	63.94
<b>Weight of load carrying equipment</b>		
Belt equipment and pouches		2.26
Day sack		2.63
Bergen rucksack		3.44
<b>TOTAL</b>		<b>8.33</b>
Source: British Army infantry Trials & Development Unit, Land Warfare Centre, Warminster, Wiltshire, United Kingdom		