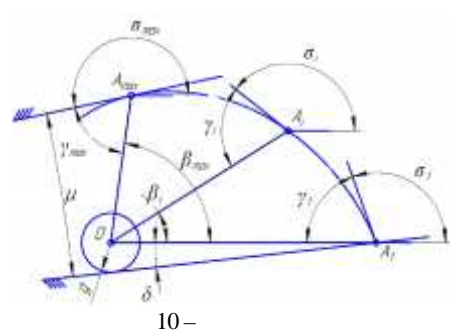
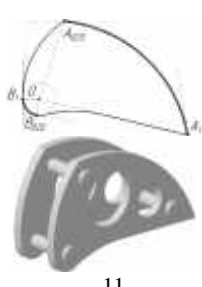


10. $S_i = A_i O$, $s_i = \sum_{i=1}^i \langle_i$; $\tau_i = 180^\circ - (x_i - s_i)$; $u = \arccos(g / A_i O)$.



11. $\tau_i = \tau_{\max} \geq (180^\circ + \dots + u)$, $S_i = S_{\max}$.

(max): $u = 6,203^\circ$, $\tau_1 = 113,598^\circ$, $S_1 = 0^\circ$,
 $x_1 = 66,401^\circ$, $b_1 = 200$, $s_1 = 43,54$, $l_1 = 185,191$, $\tau_{820} = 196,621^\circ$,
 $S_{820} = 85,559^\circ$, $x_{820} = 68,937^\circ$, $b_{820} = 118,1$, $s_{820} = 19,179$, $l_{820} = 99,957$.
 $b_1 / b_{820} = 1,6934$.



2. \dots

3. \dots

4. \dots

5. \dots

6. \dots

7. \dots

Bibliography (transliterated): 1. Nachal'naja podgotovka alpinistov. Chast' 1. Vvedenie \ Pod red. Zaharchenko P.P. – Moscow: SpotrAkademPress, 2003. – 296 p. 2. Pit Hill, Stuart Dzhonston Navyki al'pinizma. Kurs trenirovok. – Moscow: Grand-fair, 2005. – 192 p. 3. Hatting Gart Skalolazanie: Bazovoe rukovodstvo po snarjazheniju i tehničeskomu osnashheniju. – Moscow: Izdatel'stvo Fair, 2006. – 96 p. 4. Lukojanov P.I. Samodel'noe turisticheskoe snarjazhenie. – Moscow: Kniga po trebovaniju, 2012. – 240 p. 5. Hatting Gart Alpinizm: Tehnika vozhozhdenij, ledolazaniya, skalolazaniya: Bazovoe rukovodstvo. – Moscow: Izdatel'stvo Fair, 2006. – 160 p. 6. Huberg Gart Alpinizm segodnja. – Moscow: Fizkultura i sport, 1980. – 263 p. 7. Huberg German Alpinizm segodnja. – Moscow: Fizkultura i sport, 1980. – 263 p.

(received) 09.03.2013

COUGAR (), “ ” – SHREK ONE SPARTAN “ ” – 17.0 -02 [5].

“ ” [6].

“ ” [7].

2 (

COUGAR, Toyota Land Cruiser 79, “ ” – VECO Daily 55S18W.

“ ” 1,5 [8].



HMMWV M1151A1wB1



LMV



Auferland A4 AVL



-469, -3151, -452, -3962 -66.

“ ” “ ” HMMWV M1151A1wB1 (), LMV (), “ ” () Auferland A4 AVL () (1, 1).

HMMWV M1151A1wB1	6101	1370	190	0,43	400	113
-	6300	800	197	0,4	700	120
LMV	6500	1200	185	0,473	500	130
	7200	1200	180	0,4	900	140
	5500	1000	176	0,39	1000	120
Auferland A4 AVL	5100	1130	150	0,41	800	120
	4220	-	218	0,30	-	105

[9].

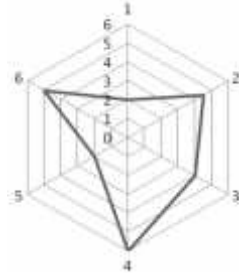
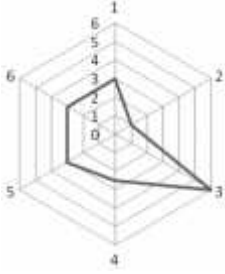
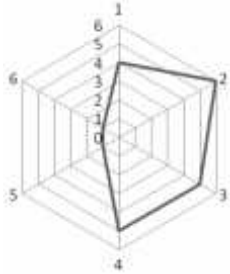
M1151A1wB1

4,5 6 (,);

“ - ”

“ ”

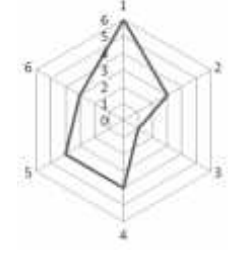
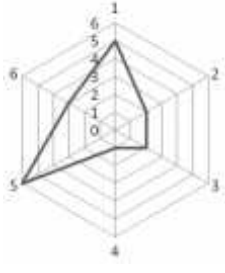
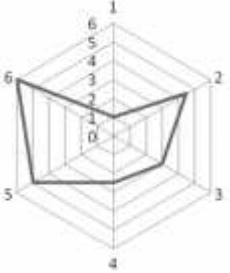
2,3,4-



HMMWV M1151A1wB1 ()

“ - ” ()

LMV ()



“ ” ()

“ ” ()

Auferland A4 AVL ()

1- , 2- , 3-

4- , 5- , 6-

()

[10].

: $[(X -) / (-)] \cdot 100$,

; $[(- X) / (-)] \cdot 100$,

(359 357)

LMV

“ - ” - 231 .

2-

	-	-		-		-	
HMMWV	52	100	85	42	0	0	279
“ - ”	43	0	100	12	50	26	231
LMV	33	70	74	100	17	63	357
“ ”	0	70	64	42	83	100	359
“ ”	81	35	55	0	100	26	297
Auferland	100	58	0	24	67	26	275

“ × ” [11].

3-

		-			-	*	
HMMWV	6,24	18	23,8	3,36	0	0	51,4
“ - ”	5,16	0	28	0,96	8	4,68	46,8
LMV	3,96	12,6	20,72	8	2,72	11,34	59,34
“ ”	0	12,6	17,92	3,36	13,28	18	65,16
“ ”	9,72	6,3	15,4	0	16	4,68	52,1
Auferland	12	10,44	0	1,92	10,72	4,68	27,76
	0,12	0,18	0,28	0,08	0,16	0,18	1,0

(3).

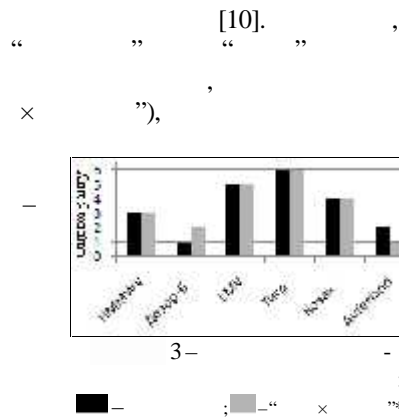
: $W = 12S / [m^2(n^2 - n)]$, S -

, m -

, n -

0,80

0,88,
 26 (2).
 “ ” 0,18 (“ × ”),
 26×0,18=4,68 (“ 3).
 13,06 -7,21
 ”, HMMWV, LMV “ × ”
 Auferland A4 AVL 19,04



(3).
 6
 “ × ”,
 (2, 3, 3).
 (: =
 = / × b_j, - , = 6 -
 , b_j= 100 -
 4-

			*	*
HMMWV	279	0,465	51,4	0,514
“ - ”	231	0,385	46,8	0,468
LMV	357	0,595	59,34	0,593
“ ”	359	0,598	65,16	0,652
“ ”	297	0,495	52,1	0,521
Auferland	275	0,458	27,76	0,278

* = / *, *=100 -
 (4).
 6

(5).
 “ ” “ ”,
 “ ” LMV, “ ” “ ”
 “ - HMMWV, Auferland, “ - ”. “ × ” “ ”
 “ ” LMV, “ ” HMMWV - “ ”;
 “ - ” - “ ” Auferland - “ ”.
 5-

		“ × ”			
0,88-0,99		-	0	-	0
0,75-0,87		-	0	-	0
0,62-0,74		-	0	65,16	1
0,50-0,61		0,598; 0,595; 0,495;	3	51,4; 52,1; 59,34	2
0,38-0,49		0,465; 0,458; 0,385	3	46,8	1
<0,38		-	0	27,76	1

1.
 2.
 “ ”
 “ - ”
 ()
 3.

