Expert System Aviation

Marco, Bass
born 23.05.1976, male, 34;4 years, Education level 3

Traffic psychological inquiry:
Test administration: 11.10.2010

Test results:

Test variable	Raw score	Parameter	PR [1]
Logical reasoning			
INSBAT - Figural inductive reasoning		-4.462	1 (0-10)
INSBAT - Numerical inductive reasoning		-6.602	1
Mental arithmetic			
INSBAT - Arithmetical estimation ability		-3.592	0 (0-2)
INSBAT - Arithmetical competence		-4.772	0
Memory function			
INSBAT - Visual short-term memory		-2.509	24 (4-62)
Attention			
COG - Sum "correct reactions"	39		8 (2-24)
SIGNAL - Number correct and delayed	57		98
Vigilance			
VIGIL - Number of correct	52		0 (0-2)
VIGIL - Number of incorrect	456		0 (0-2)
Perception			
TAVTMB - Overview	0		0 (0-1)
TAVTMB - Correct answer entries	13		0 (0-1)
TAVTMB - Incorrect answer entries	5		26 (5-66)
Visual closure			
GESTA - Number correct	0		2 (0-5)
Visualisation			
A3DW - Spatial perception		-3.634	5
PST - Spatial perception	2	0.040	0 (0-2)
Psychomotor function			
SMK - Time in ideal range (in %)	26		92 (84-96)
Multiple choice reactions			
DT - Correct	1157		100 (100-100)
Multi Tasking			
SIMKAP - Simultaneous capacity	486		34
SIMKAP - Stress tolerance, quantitative	316		76
Decison making			
INSBAT - Inspection time		2.632	0 (0-1)
INSBAT - Decision-making ability		0.462	0 (0-1)
Personality factors			
Activity	13		5
Sociability	21		22
Assertiveness	19		27
Ambition	20		39
Dogmatic	22		91

Test results (continued):

Test variable	Raw score	Parameter	PR [1]
Aggression	19		82
Unhappiness	26		95
Anxiety	14		68
Hypochondria	13		96
Risk-Taking	25		73
Impulsiveness	18		47
Irresponsibility	21		72
Manipulativeness	17		58

Judgment of cognitive ability

Not qualified for flight simulator

Comment(s): The confidence intervals are displayed next to each of the comparison scores (in parentheses).

[1]The percentile rank (PR) results from comparison with the age-independent norm sample.