		Units	kg	Z	%	z	s/m	Ш	cnt
	Product: UAV Subsystem: PAYLOAD/Unmanned Ground Vehicle (UGV)	Subsystem Performance Measures	nism mass	nanism can support	Aircraft internal volume consumed*	Stowed drop mechanism drag	Maximum landing velocity	UGV landing distance from target	SU
	Notes: *normalized by the fusalage diameter cubed	Subsystem	Drop mechanism mass	Weight mechanism can	Aircraft interr	Stowed drop	Maximum lar	UGV landing	Rule violations
	Target Design Requirements	Importance	1	2	3	4	5	6	7
1	Complies with competition rules	5							
2	Capable of lowering the payload to the ground	5							
3	Lands UGV within landing zone	3							
5	Delivers UGV without damage	3							
6	Deployable from airframe	4							
7	Does not interfere with takeoff/landing	3							
8	Causes minimal aerodynamic interference	3							
9	Drop mechanism does not interfere with UGV movement	2							
		Upper Acceptable Ideal Lower Acceptable	0	9.0	ı	0	0	ı	ı
		Ideal	0.1	1.3	0	0.3	~	0	0
		Upper Acceptable	9.0	ı	90	1.5	5	22	1