

SpearUAV System Configuration Baseline Form

Inert Viper 300 for Uganda v1.0

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Configuration Identification

Code	Field	Value	Note
01a	Configuration Name	Inert Viper 300 for Uganda	
01b	Configuration Reference Code	V300-RS-2026-06-05	
01c	Configuration Revision Number	v1.0	
01d	System Name	Viper 300	
01e	Form Version	Form Version v3.0	
01e	Release Status	Candidate	
01f	Release Date		

Applicable Usage Profiles

Code	Field	Value	Note
02a	Non-Flight Testing (Y/N)	N	
02b	Flight (Y/N)	Y	
02c	Soft Launch (Y/N)	Y	
02d	Hard Launch (Y/N)	Y	
02e	Inert Kinetic Maneuver (Y/N)	Y	
02f	Live Kinetic Maneuver (Y/N)	N	
02g	Temporary Export (Y/N)	Y	
02h	Demo operated solely by certified Spear operators (Y/N)	Y	
02i	Training of customers solely by certified Spear trainers (Y/N)	Y	
02j	Permanent Delivery to customer (Y/N)	Y	

Applicable Customers (Country/Codename)

Code	Field	Value	Note
03a	Demo on Spear site operated by certified Spear operators	Not Allowed	
03b	Demo on customer site operated solely by certified Spear operators	DRS	
03c	Training of customers solely by certified Spear trainers	DRS	
03d	Permanent Delivery to customer	DRS	

Specific Usage Limitations

Code	Field	Value	Note
04a	Limitations on usage location in addition to the above restrictions	For use by DRS only	
04b	Limitations on usage time in addition to the above restrictions		
04c	Comments in addition to the above restrictions	For use only in clean GPS environments with no spoofing or jamming.	

Configuration Parameters

Code	Field	Value	Note
05a	System Name	Viper 300	
05b	Warhead Type	Dummy	
05c	ESAD Encoding	N/A	
05d	Datalink Type	Microhard pMDDL2450	
05e	Datalink Band	2.4GHz	
05f	RC Type	TBS (Air Unit Only)	
05g	RC Band	900MHz	

Configuration Notes and Comments

Code	Field	Value	Note
06a	Configuration Notes and Comments		

Air Vehicle Configuration

Code	Field	Value	Note
10a	Description	Viper 300	
10b	Air Vehicle Part Number & Revision	ASSY004000-A Rev. 07	
10c	Air Vehicle Hardware ID for Software Bundle	4.0	
10d	Software Bundle Version	4.17.3	
10e	Air Vehicle Configuration Procedure Reference	Mandatory RC Retrofit: EN-PRO-000107-1.0	
10f	Transceiver Configuration Reference	PROC000017	

RC Receiver Configuration

Code	Field	Value	Note
11a	Description	Crossfire nano RX	
11b	RC Receiver Part Number	MODW00004RW	
11c	RC Receiver Configuration Reference	EN-PRO-000062-1.0	

RC Station Configuration

Code	Field	Value	Note
12a	Description	N/A	
12b	RC Controller Part Number	N/A	
12c	RC Transmitter Part Number	N/A	
12d	RC Station Configuration Procedure Reference	N/A	

Warhead Module Configuration

Code	Field	Value	Note
13a	Description	War head, 10 Deg, Ext Dummy	
13b	Warhead Type	Dummy	
13c	Warhead Module Part Number	ASSY004809-A-REV01	
13d	ESAD Part Number	N/A	
13e	ESAD Version Reference	N/A	

Code	Field	Value	Note
13f	ESAD Encoding	N/A	
13g	ESAD Configuration Procedure Reference	N/A	

Battery Module Configuration

Code	Field	Value	Note
14a	Description	Viper 300 Batteries	
14b	Part Number	BATT004858-A	
14c	Battery Configuration Procedure Reference	N/A	

Launcher Configuration

Code	Field	Value	Note
15a	Launcher Description	Viper 300 launcher	
15b	Launcher Part Number	ASSY005000-D REV02	
15c	Gas Generator Part Number	INF000136	
15c	Launch Controller Description	Launcher Controller	
15e	Launch Controller Part Number	ASSY007000-C	
15f	Launcher Configuration Reference	N/A	

Ground Datalink Configuration

Code	Field	Value	Note
16a	Description	MH Commbox	
16b	Enclosure Part Number	ASSY004777-A	
16c	Antenna Part Number	ANTE000258	
16d	Transceiver Configuration Reference	PROC000026	

Ground Control Station Configuration

Code	Field	Value	Note
17a	Description	Ground Control System With International Dongel	
17b	Part Number	SGCS000275	
17c	C2 Software Version	3.9.2	
17d	ESAD Card Part Number	MODW000280	
17e	ESAD Card Version Reference	GATE VDD 671404910072506	
17f	ESAD Card Encoding	International Encoding	
17g	Ground Control Station Configuration Reference	N/A	

Approvals

Approval	Name	Title	Status	Date	Signature
Configuration Author	Ram Sobol	Chief Systems Engineer	Pending		
Engineering Approval	Eitan Shabtay	Chief R&D and Engineering Officer	Pending		
Software Approval	Tal Pritzker	Director of SW & Algo	Pending		
Operations Approval	Zohar Shiri	COO	Pending		
QA Approval	Ezra Sasson	Quality Director	Pending		
Product Approval	Aharon Olshin	Product Manager	Pending		
Configuration Control Approval	Eitan Amit	Director of Product Engineering	Pending		
Program Approval	Danny Godasevich	VP Programs	Pending		
Program Manager Approval	Igal Keselman	Program Manager	Pending		