

SpearUAV System Configuration Baseline Form

Armed Viper 300 for Uganda Live Demo v4.6

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Configuration Identification

Code	Field	Value	Note
01a	Configuration Name	Armed Viper 300 for Uganda Live Demo	
01b	Configuration Reference Code	V300-RS-2026-05-07	
01c	Configuration Revision Number	v4.6	
01d	System Name	Viper 300	
01e	Form Version	Form Version v3.0	
01f	Release Status	Released	
01g	Release Date	2026-05-14	

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)	N	
02f	Live Kinetic Maneuver (Y/N)	Y	
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)	N	
02j	Permanent Delivery to customer (Y/N)	No!	

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	Uganda, Bar Aviation	
03c	Training of customers solely by certified Spear trainers	Not Allowed	
03d	Permanent Delivery to customer	Not Allowed	

Specific Usage Limitations

Code	Field	Value	Note
04a	Limitations on usage location in addition to the above restrictions	For use in Uganda only	
04b	Limitations on usage time in addition to the above restrictions	For use in May 2026 only	
04c	Comments in addition to the above restrictions	Configuration approved only for May 2026 Uganda live demo	

Configuration Parameters

Code	Field	Value	Note
05a	System Name	Viper 300	
05b	Warhead Type	Live	
05c	ESAD Encoding	International Encoding	
05d	Datalink Type	Microhard pMDDL2450	
05e	Datalink Band	2.4GHz	
05f	RC Type	TBS	
05g	RC Band	900MHz	

Configuration Notes and Comments

Code	Field	Value	Note
06a	Configuration Notes and Comments		

Air Vehicle Configuration

Code	Field	Value	Note
07a	Description	Viper 300	
07b	Air Vehicle Part Number & Revision	ASSY004000-A Rev. 07	מכאני לתושבת רש"ק, חיזוק ברגים נכונים, Jetson Adaptor ה- ח שמחזיקה את פלטסטיקות
07c	Air Vehicle Hardware ID for Software Bundle	4.0	מיועדת לנס"א גרסת Cookbook
07d	Software Bundle Version	4.17.3	
07e	Air Vehicle Configuration Procedure Reference	Mandatory RC Retrofit: EN-PRO-000107-1.0	
07f	Transceiver Configuration Reference	PROC000017	צריבת מקמ"ש למסמך הוראות סימוכין

RC Receiver Configuration

Code	Field	Value	Note
08a	Description	Crossfire nano RX	
08b	RC Receiver Part Number	MODW00004RW	
08c	RC Receiver Configuration Reference	EN-PRO-000062-1.0	ראשוני ל- TBS אווירי הוראות קינפוג סימוכין למסמך

RC Station Configuration

Code	Field	Value	Note
09a	Description	Remote control station	
09b	RC Controller Part Number	TBLT00008	
09c	RC Transmitter Part Number	MODW00004	
09d	RC Station Configuration Procedure Reference	EN-PRO-000062-1.0	

Warhead Module Configuration

Code	Field	Value	Note
10a	Description	War head, 10 Deg, International	
10b	Warhead Type	Live International	
10c	Warhead Module Part Number	WARH004639-E REV00	
10d	ESAD Part Number	MODW000275	את המק"ט ל-VDD או של GATE שקושר האם קיים תיעוד שלנו
10e	ESAD Version Reference	GATE VDD 671404810072506	VDD של מסמך סימוכין
10f	ESAD Encoding	International	
10g	ESAD Configuration Procedure Reference	N/A	

Battery Module Configuration

Code	Field	Value	Note
11a	Description	Viper 300 Batteries	
11b	Part Number	BATT004858-A	
11c	Battery Configuration Procedure Reference	N/A	אצלנו. כיום אין כאלה המבוצעים לסוללה לשינויי קונפיגורציה מסמך

Launcher Configuration

Code	Field	Value	Note
12a	Launcher Description	Viper 300 launcher	
12b	Launcher Part Number	ASSY005000-D REV02	וללא מגלש. ללא אינפלייטור מק"ט למשגר (צמה ראשית נתיקה) שינויים בצמות דבק בחיבור הצמות הגדרת פורון שונה
12c	Gas Generator Part Number	INF000136	
12d	Launch Controller Description	Launcher Controller	
12e	Launch Controller Part Number	ASSY007000-C	
12f	Launcher Configuration Reference	N/A	מק"ט לאינפלייטור

Ground Datalink Configuration

Code	Field	Value	Note
13a	Description	NTI Commbox	
13b	Enclosure Part Number	MODW000374	Vsense ללא אנטנות קומבוקס
13c	Antenna Part Number	ANTE000258	אנטנות PCTEL
13d	Transceiver Configuration Reference	PROC000026	לקומבוקס מסמך קונפיגורציה סימוכין של

Ground Control Station Configuration

Code	Field	Value	Note
14a	Description	Ground Control System With International Dongel	
14b	Part Number	SGCS000380	
14c	C2 Software Version	3.9.2	

Code	Field	Value	Note
14d	ESAD Card Part Number	MODW000280	
14e	ESAD Card Version Reference	GATE VDD 671404910072506	
14f	ESAD Card Encoding	International Encoding	
14g	Ground Control Station Configuration Reference	N/A	

Approvals

Approval	Name	Title	Status	Date	Signature
Configuration Author	Ram Sobol	Chief Systems Engineer	Signed	2026-05-25T15:22:19	
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	Ram Sobol	Director of Product Engineering	Signed	2026-05-25T15:22:38	
Program Approval	Danny Godasevich	VP Programs	Pending		
Program Manager Approval	Roy Haziza	Program Manager	Pending		