

NOTES

 POT ALL CONNECTORS AFTER FULL TEST ( ITEM 20 ) APPLY APPROPRIATE LACING(ITEM 29)  
APPLY A HEATSHRINK ON EACH TERMINAL

## REVISION HISTORY

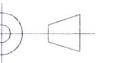
ZONE	REV	DESCRIPTION	APPR	DATE
ALL	A	RELEASE FOR PRODUCTION		



LABEL APPLIES ONLY WHEN BEING SHIPPED WITH GCSBLKII 05A-0041-00

FOR REFERENCE  
ONLY

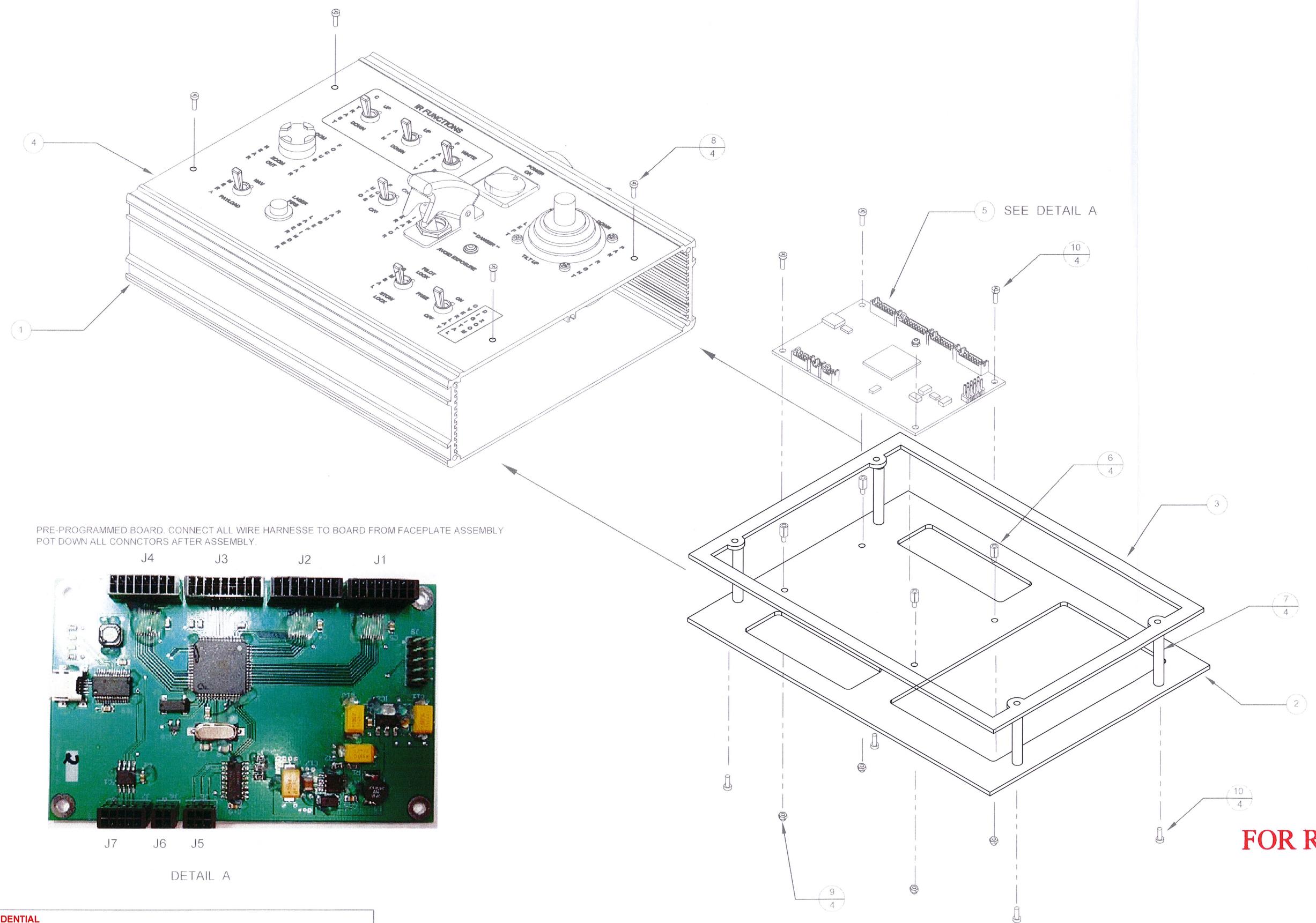
ITEM NO.	WIRE DIAGRAM REF.	QTY	UAV PART NO.	MFG PART NO.	MFG:	DESCRIPTION	U/M
BILL OF MATERIALS							
30	NA	AR	542-1012	M23053/1-201-0	WIREMASTERS	TUBING, HEATSHRINK .125D X .5L	IN
29	NA	AR	126-0051	70021876	ALLIED ELEC	LACE, NYLON , BLK	EA
28	22 AWG BLU	AR	SAME AS MFG PN	MIL-W-22759/18-22-BLU	ALLIED WRE & CABLES	WIRE, STRANDED,TEFZEL	IN
27	22 AWG RED	AR	SAME AS MFG PN	MIL-W-22759/18-22-RED	ALLIED WRE & CABLES	WIRE, STRANDED,TEFZEL	IN
26	22 AWG GRY	AR	SAME AS MFG PN	MIL-W-22759/18-22-GRY	ALLIED WRE & CABLES	WIRE, STRANDED,TEFZEL	IN
25	22 AWG YLW	AR	SAME AS MFG PN	MIL-W-22759/18-22-YEL	ALLIED WRE & CABLES	WIRE, STRANDED,TEFZEL	IN
24	22 AWG BLK	AR	SAME AS MFG PN	MIL-W-22759/18-22-BLK	ALLIED WRE & CABLES	WIRE, STRANDED,TEFZEL	IN
23	NA	1	041-0003	SE-520	RBL	CASE, GUNMETAL WITH FOAM	EA
22	NA	6	090-1000	DF11-22SCA	HIROSE	TERMINAL, CRIMP 22 AWG	EA
21	NA	1	091-1017	DF11-10DS-2C	HIROSE	HOUSING, SOCKET 10 PIN	EA
20	NA	AR	042-0003	9422-SC	DYMAX	ADHESIVE, LIGHT-CURE BGA, CSP	OZ
19	NA	1	06A-0048-15	NA	UAV SOLUTIONS	FOAM, TOP	EA
18	NA	1	06A-0048-13	NA	UAV SOLUTIONS	FOAM, BOTTOM	EA
17	NA	1	06A-0048-14	NA	UAV SOLUTIONS	FOAM, MID LAYER	EA
16	NA	1	04A-0000-29	NA	UAV SOLUTIONS	LABEL, SERIAL	EA
15	NA	1	126-0052	EC4-BK	NEWARK	CAP, PROTECTIVE END SET	EA
14	NA	1	NA	91772A110	MCMASTER CARR	SCREW, 4-40 X 1/2L PPH	EA
13	NA	1	088-0017	MS3181-12CA	PEI GENESIS	CAP, MIL-SPEC	EA
12	NA	1	06A-0007-03	NA	UAV SOLUTIONS	CONNECTOR, SUPPORT	EA
11	NA	1	088-0012	MS3112E12-10S	PEI GENESIS	CONNECTOR, MIL-SPEC	EA
10	NA	8	NA	91772A108	MCMASTER CARR	SCREW, 4-40 X 3/8L PPH	EA
9	NA	1	NA	91831A005	MCMASTER CARR	4-40 W 1/4"H 9/64"	EA
8	NA	4	NA	91771A108	MCMASTER CARR	SCREW, 4-40 X 3/8L PFH	EA
7	NA	4	140-0004	93330A462	MCMASTER CARR	SPACER, 4-40, 1/4 OD X 1-1/2L	EA
6	NA	4	140-0008	93505A460	MCMASTER CARR	STAND-OFF 4-40 X 3/16	EA
5	NA	1	063A-0000-05	NA	MATT LISTER	PCB, PAYLOAD	EA
4	NA	1	05A-0001-01	NA	UAV SOLUTIONS	FACEPLATE ASSEMBLY	EA
3	NA	1	06A-0007-02	NA	UAV SOLUTIONS	SUPPORT BRACKET	EA
2	NA	2	06A-0007-01	NA	UAV SOLUTIONS	PCB SUPPORT PLATE	EA
1	NA	1	06A-0007-00	NA	UAV SOLUTIONS	CHASIS, MODIFIED	EA

		 THIRD ANGLE PROJECTION IN ACCORDANCE WITH ASME Y14.5	ORIG. ENG. SKETCH NO.:	
			INITIALS	DATE
		DRAFTER: RGB	06/3/12	
		CHECKER:		
		ENG. APPR.:		
		PAYLOAD GEN 1		
		NEXT ASSY	USED ON	
		APPLICATION		
		<b>UAV SOLUTIONS</b> 8280 PATUXENT RANGE RD. SUITE E JESSUP, MD 20794 PHONE: 240-456-0195 EMAIL: info@UAV-SOLUTIONS.COM		
		TITLE: PAYLOAD ASSEMBLY		
		SIZE	DWG. NO.	REV
		B	05A-0001-00	A
		CAGE CODE: 61F14		SCALE: NTS
		CAGE CODE: 61F14		SHEET 1 OF 5

## PROPRIETARY AND CONFIDENTIAL

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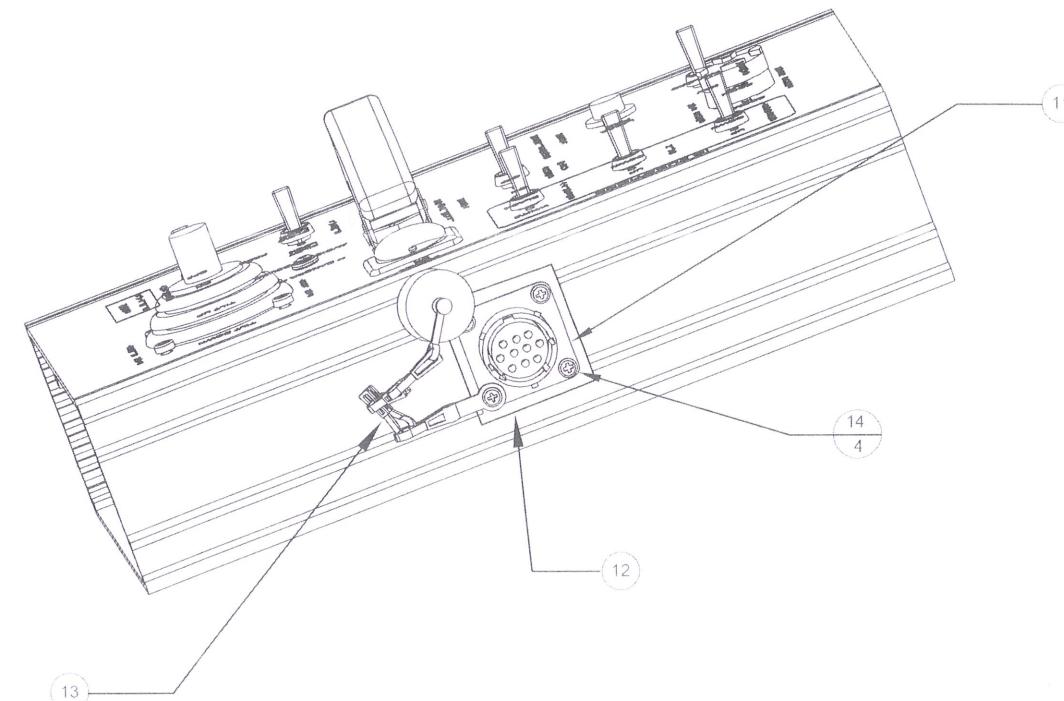
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## WIRING INFO FOR



CONNECTOR: DF11-10DS-2C  
TERMINAL: DF11-22SC  
CRIMP TOOL: DF11-TA22HC

WIRE LENGTHS ARE MEASURED  
8 INCHES -0/+ .5 INCH  
FROM THE BACK OF EACH CONNECTOR  
TWIST ALL WIRES.

**FOR REFERENCE  
ONLY**

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SIZE B DWG. NO. 05A-0001-00 REV A  
CAGE CODE: 61F14 SCALE: NTS SHEET 3 OF 5

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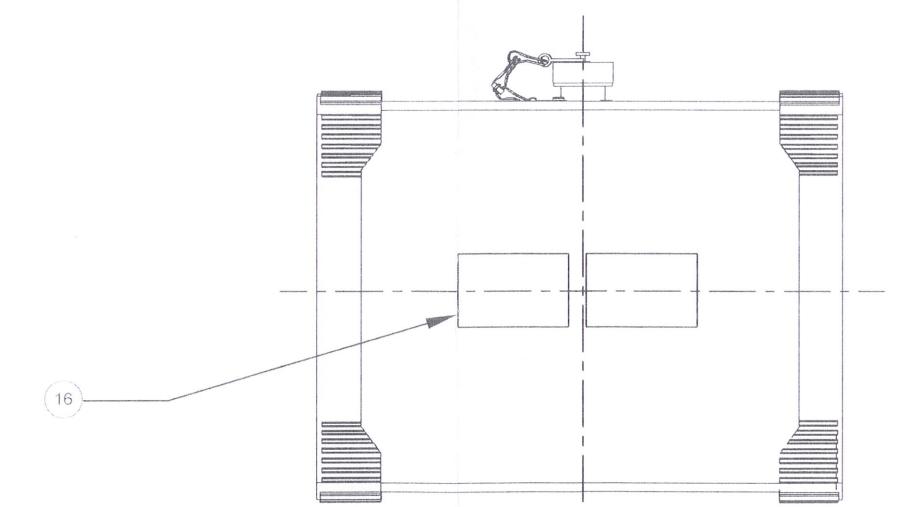
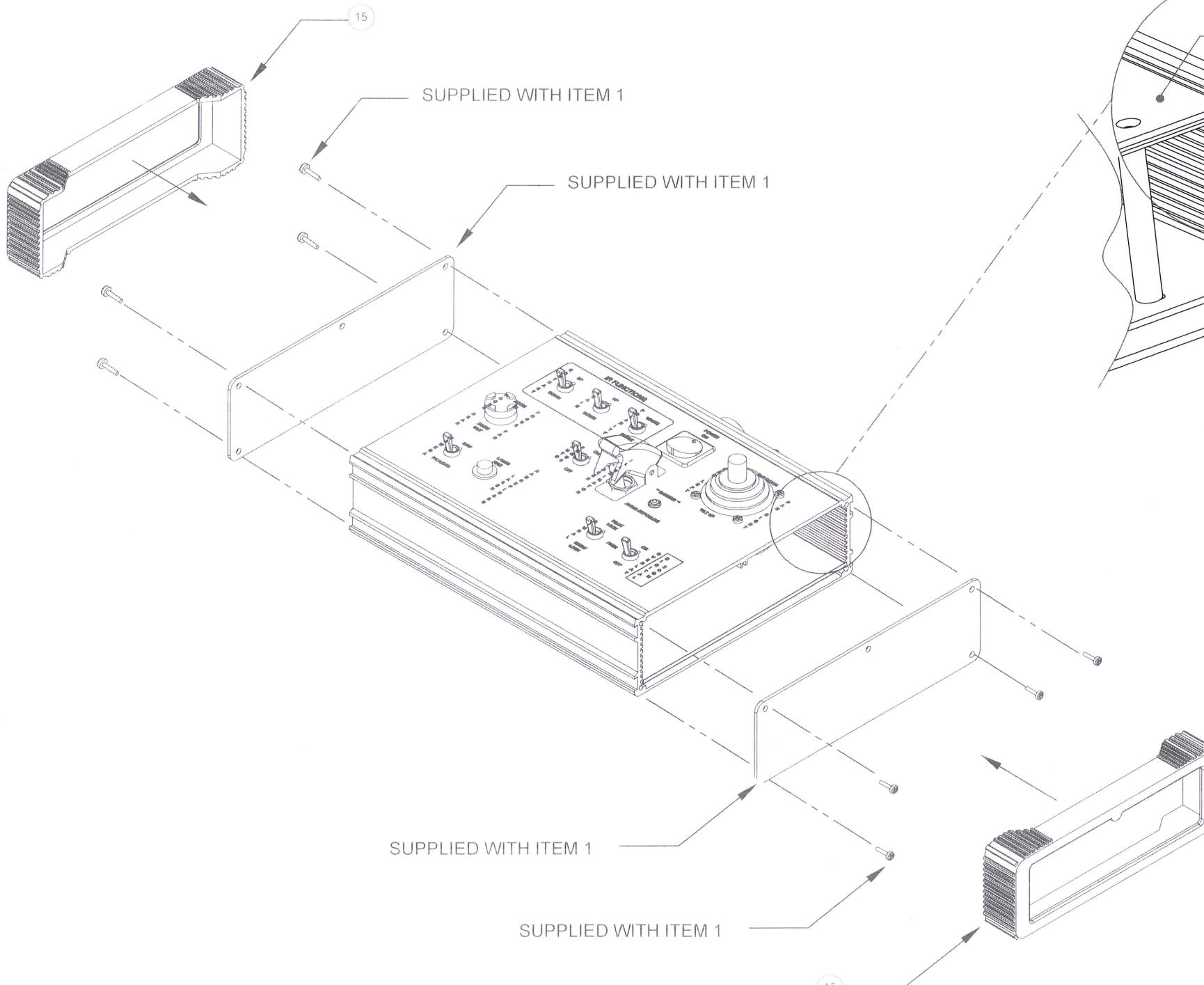
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**UAV SOLUTIONS**  
PART # 10-680  
SERIAL # 101-XX

**GCSBLK II- XX**

LABELS  
NOTE: EDIT "XX" LABEL WITH NEXT NUMBER SEQUENCE

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