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DOCUMENT REVISION HISTORY

REV.	DATE	DESCRIPTION	AUTHORIZATION
0	11/21/25	DOCUMENT CREATION	CHRIS DILLOW

BYTE	FIELD	DESCRIPTION
0	START BYTE	0xA5 (SYNC)
1	FLAGS	BITS: ARMING, MODE, FAILSAFE
2	ROLL LSB	11-BIT VALUE (0-2047 RAW)
3	ROLL MSB	—
4	PITCH LSB	—
5	PITCH MSB	—
6	YAW LSB	—
7	YAW MSB	—
8	THROTTLE LSB	—
9	THROTTLE MSB	—
10	AUX1-MODE SWITCH	0-255
11	AUX2-FUTURE	0-255
12	CRC-8	POLYNOMIAL 0x07
PACKET LENGTH:		13 BYTES

NOTES		TOLERANCE TABLE			ANGLE OF PROJECTION	DOCUMENT PREPARATION	
		USC	SI	ANGLE		ENGINEER	
N1		<div>X.X=±1⁄16"</div> <div>X.XX=±.015"</div> <div>X.XXX=±.003"</div> <div>X.XXXX=±.001"</div> <div>X.XXXXX=±.0005"</div>					

	ENGINEER	CHRIS DILLOW		N2		DRAFTER	CHRIS DILLOW		
N3		CHECKER							
N4		APPROVAL							
N5		PM	N/A						
N6		PROJECT	ASSEMBLY						
N7		TROPOCHIEF	DIAGRAMS						
						RF PACKET		SHEET: B	
						STRUC TURE		SIZE: B	
		PART NUMBER	MATERIAL	MASS	UNIT	SCALE			
		N/A	N/A	N/A	N/A	N/A			

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