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	TABLE I			Г				F.C	JOY /				
_	SUGGESTED TOOL LIST					Fr our		Ĭ					-
	TOOL ITEM	DESCRIPTION			0000		FILT	9/6					
	NO.		(NOTIO SCALE)	-	°°°°°°)/#				120				
					19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4	$ \longrightarrow $	A	SA I				
E	TO 1	3/8" DRIVE RATCHET WRENCH			_ ∖∭ ⊅	0		Z	94				
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					0,0		value.						
	T02	0-100 FT-LBS - 3/8" DRIVE	CEE .					17					
		IORQUE WRENCH	194		6		FRONT		a a				-
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D	T03	12" LONG - 3/8" DRIVE EXTENSION			0 000		\cap						
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	TO4	3/8" DRIVE SWIVEL-JOINT	- Pla		00 00		- O -		0				
	104	ADAPTER				л	100	b					1
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				· off					-				
	T05	1/2" 6 POINT - 3/8" DRIVE STANDARD SOCKET						Þ					
с				0		A Pot	R						
						9							
	T0.6	5/16" - 3/8" DRIVE HEX BIT	9										
	100	SOCKEI					ITEM NO.	QTY	PART NUMBER	DESCRIPTION	WEIGHT (LBS)	DRAWI	√G REV
-				4			1	1	MPT90-N901471-XX	AZIMUTH ASSEMBLY, MPT-90	125	ICDN901	471 A
							2	1	MPT90-N901472-XX	ELEVATION ASSEMBLY, MPT-9	0 112	ICDN901	472 B
	T07	3/16" - 3/8" DRIVE HEX BIT SOCKET					3	2	MPT90-N901470-1	ELEVATION ARM ASSEMBLY,	75	ICDN901	470 A
в							4	1	MPT90-N901474-1	ELEVATION MOUNTING PLATI	, 56	ICDN901	474 A
							5	1	MPT90-N901497-XX	ELECTRONICS BOX, MPT90	18	ICDN901	497 A
	TO8	7/16" COMBINATION WRENCH					6	2	MPT90-N901466-XX-XXX	MOTOR/GEARBOX ASSEMBLY	⁷ , 28	ICDN901	466 A
			9							HARDWARE KIT, MPT-90 (QTY	·		
			4	4			7	1	MPT90-N901478-1	SU - SOCKEI HEAD SCREWS, ZINC PLATED ALLOY STEEL, 3/8	- 4		
			6							COUNTERWEIGHT KIT, MPT-90	,		
	T09	NO. 3 PHILLIPS SCREWDRIVER					8		MPT90-N901477-1	300 LBS (QTY 12 - 25 LB COUNTERWEIGHTS)	300		
			9						PLITEMS DIMENSIONS ARE IN INCHES	CHECKED S. CHEYNE 2024-01-16	QPAR AN	TENNAS US	SA, LLC
A				-			PROPRIETAR		TOLERANCES: ANGLE 5 DEGREES TWO PLACE DECIMAL	ME APPR. C. CHEYNE 2024-01-16 T	TLE: LA-	-360MPT-9	? 0,
							PROPERTY C	WING IS TH OF QPAR A ANY REPR	HE SOLE INTERNAS, ODUCTION ASME Y14.5M - 1994	ER	ASSE	EMBLY GU	JIDE
							IN F WHOLE W PERMISS	PART OR AS /ITHOUT THE SION IS PRO	A WRITTEN THIRD ANGLE PROJECTIO	PART NO.	IZE DWG. N	Ю.	REV
							QPAR AN	NTENNAS U	SA,LLC 0	LA-360MPT-90	C AG	N90153	J B.01
						A	SAN D WV	ww.qparus	a.com DO NOT SCALE DRAWING	;	CALE: 1:5		SHEET 1 OF 10

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ASSEMBLY NOTES:

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ASSEMBLE AZIMUTH ASSEMBLY USING (4) 3/4-10 GRADE 8 OR 9 FASTENERS WITH CORRESPONDING WASHERS AND LOCK WASHERS (NOT INCLUDED) TO A SECURE PLATFORM

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- 2 ASSEMBLE ELEVATION ASSEMBLY ON TOP OF AZIMUTH ASSEMBLY USING LIFTING HANDLES. ENSURE THAT THE FRONT OF EACH ASSEMBLIES ARE BOTH FACING "FRONT", ALLOWING THE AZIMUTH AND ELEVATION LOCATING FEATURES LOCATED IN THE REAR OF THE ASSEMBLY, TO ALIGN
- 3 APPLY LOCTITE 243 TO THREADS OF SCREW PRIOR TO ASSEMBLING, THEN TORQUE HARDWARE USING RATCHET WRENCH WITH 5/16" HEX BIT TO TIGHEN THEN TORQUE WITH TORQUE WRENCH AND 5/16" HEX BIT SET AT 528 IN-LBS OR 44 FT-LBS FOLLOWING THE TORQUE SEQUENCE SHOWN
- 4 REMOVE AZIMUTH ELECTRONICS BOX ACCESS PANEL TO ALLOW ACCESS TO AZIMUTH BASE FOR EASE OF MANEUVERING CABLES
- 5 FEED ALL PASS THRU CABLES, AUX, AZ STOW, EL STOW, EL POT AND GROUND CABLES FROM AZIMUTH ASSEMBLY UP THRU THE AZIMUTH BEARING HOLE, ELEVATION CENTER FEED THRU HOLE AND ELEVATION I/O PANEL FEED THRU HOLE, THEN CONNECT TO ELEVATION I/O PANEL. CABLES SHOULD BE MARKED WITH REFERENCE DESIGNATIONS, SIG THRU 1, SIG THRU 2, RF THRU 1, RF THRU 2, ENET THRU, AUX, AZ STOW, EL STÓW, EL POT AND GND
- 6 FEED CABLES MARKED WITH REFERENCE DESIGNATIONS AUX, AZ STOW, EL STOW, EL POT AND GND FROM ELEVATION ASSEMBLY AS WELL AS AZ POT FROM THE AZIMUTH ASSEMBLY DOWN THRU ELECTRONICS BOX CABLE FEED THRU, USE 7/16" COMBINATION WRENCH TO TIGHTEN GROUND STUD NUT



ELEVATION TO AZIMUTH ASSEMBLY TORQUE SEQUENCE 3

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 ASSEMBLE ELECTRONICS BOX INTO THE AZIMUTH ASSEMBLY USING LIFTING HANDLES. THE DELRIN SLIDES AND ALIGNMENT PINS WILL HELP POSITION THE ELECTRONICS BOX AND ALIGN THE MOUNTING HOLES THEN HAND TIGHTEN THUMB SCREWS ON ELECTRONICS BOX USING PHILLIPS SCREWDRIVER

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SHEET 8 OF 10 SCALE: 1:4 1



