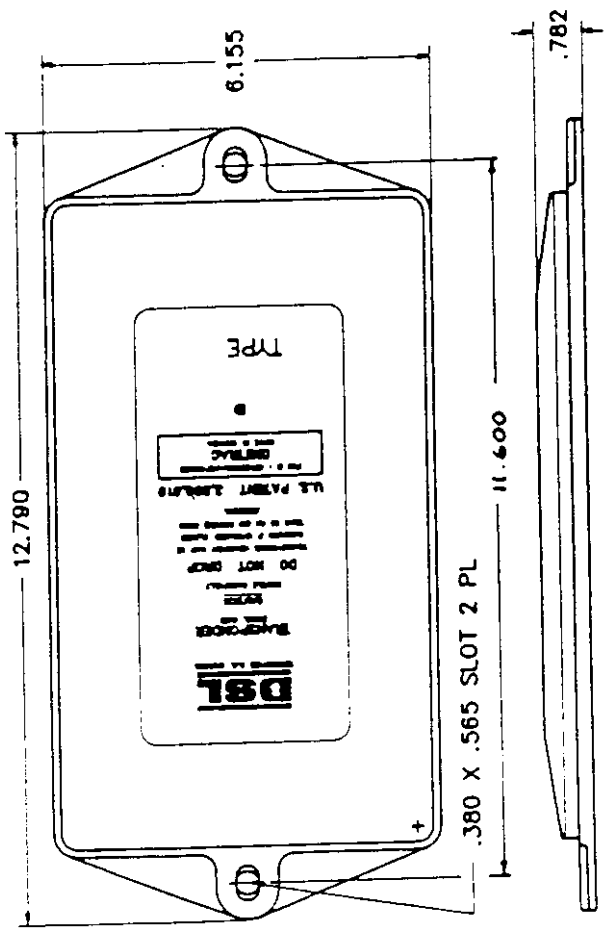


APPENDIX A
EQUIPMENT OUTLINE DIAGRAMS

031-0012-61	Transponder Outline
031-0110-61	Antenna Outline/Installation Drawing
031-0003-SIM	Reader Outline
031-0043-04	6508 Reader Interconnect Diagram
031-0043-68	6508 Data Timing Diagram

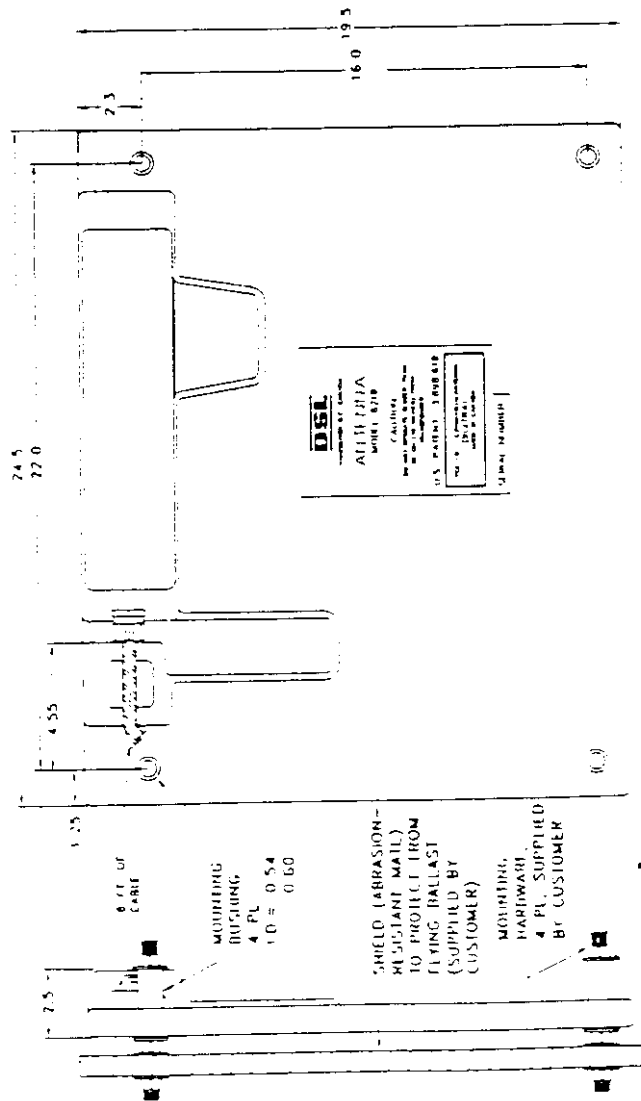
APPLICATION		DESCRIPTION		CHK	DATE	APPRO
NEXT ASSY	USED ON	LTR	A	✓	000117	✓

FUTURE DESIGN CHANGES - CORRECTIONS		DATE
DETAILS	UNIT	



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DECIMAL XX 1 FRACTION XXX 1 ANGULAR 1 DO NOT SCALE DWG		DWN BY: <i>W. J. [signature]</i> CHECKED: <i>[signature]</i> APP'D: <i>[signature]</i> MATERIAL:	DSL DYNAMIC SCIENCES LIMITED VANCOUVER ■ MONTREAL □
DRAWING STATUS PHOTO ☒ PILOT ☐		FINISH: -	TITLE: <i>TRANSPONDER OUTLINE</i>
DRAWING NO: <i>031-0012-61</i>		REV: <i>A</i>	DATE:

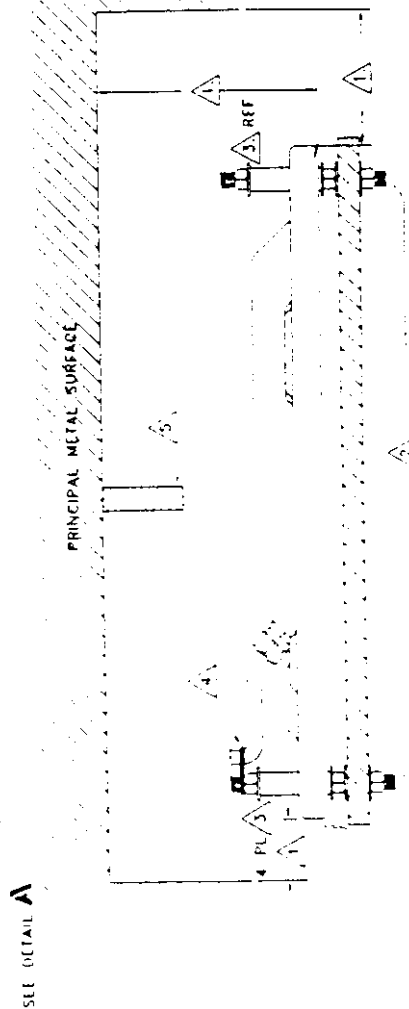
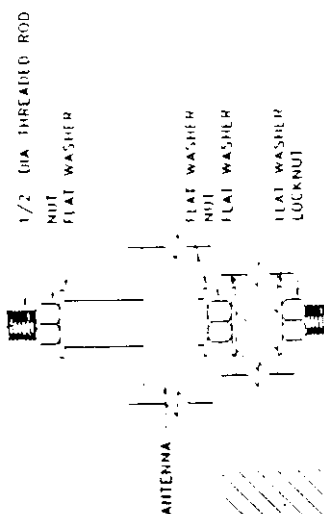
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NOTES: UNLESS OTHERWISE SPECIFIED

- 1. THESE DIMENSIONS SHOULD BE AS LARGE AS PRACTICAL FROM ANY PRINCIPAL METAL SURFACE
- 2. CONDUCTING MATERIALS MUST NOT CONNECT ANY MOUNTING RODS AT THE ANTENNA END.
- 3. SECURE THE ANTENNA TO THE MOUNTING RODS (SUPPLIED BY CUSTOMER)
- 4. SECURE CABLE TO MOUNTING RODS WITH CABLE TIE (SUPPLIED BY CUSTOMER) AS SHOWN
- 5. SMALL METALLIC PROTRUSIONS WILL NOT IMPAIR THE PERFORMANCE OF THE SYSTEM

DETAIL A
SUGGESTED MTG HARDWARE

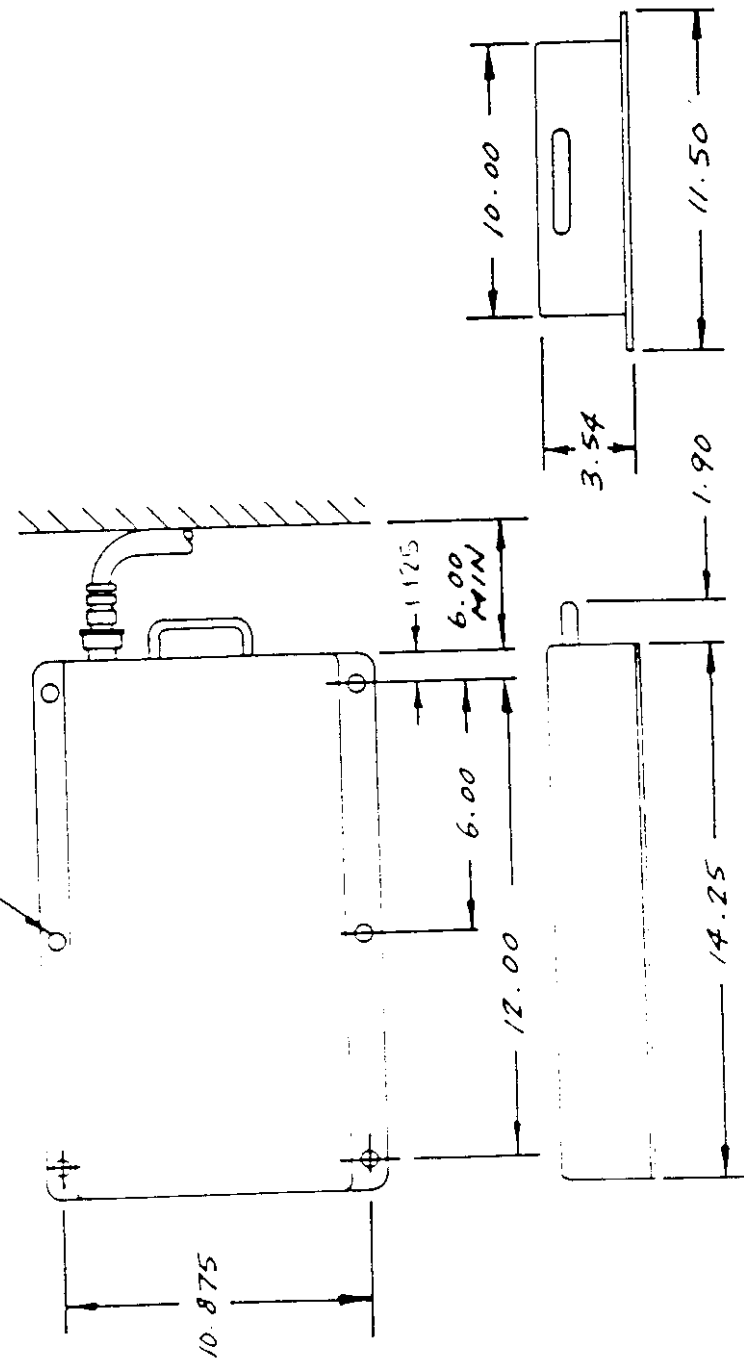


DIGIRAC ANTENNA, 6219
SITE INSTALLATION
051-0110-61 REV B

FUTURE DESIGN CHANGES	
DETAILS	DATE

APPLICATION		REVISION			
NEXT ASSY	USED ON	LTR	DESCRIPTION	CHK	DATE
		A	ORIGINAL RELEASE	8W	13 APR 01
		B	PER P/N 111000	9W	08 AUG 01

250 DIA THRU 6 HOLES



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DYNAMIC SCIENCES LIMITED VANCOUVER ■ MONTREAL □	
DECIMAL XX 1	FRACTION XXX 1	TITLE	
ANGULAR 1	DO NOT SCALE DWG	READER OUTLINE	
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DRAWING STATUS		FINISH	
PHOTO ●	PILOT ●		

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APPLICATION			REVISION		
NEXT ASSY	USED ON	UTR	DESCRIPTION	CHK	DATE
-	000-0147	A	ORIGINAL RELEASE APP	✓	Nov 18 1968

FUTURE DESIGN CHANGES		
DETAILS	INIT	DATE

[6508]
DTF ←→ DCE

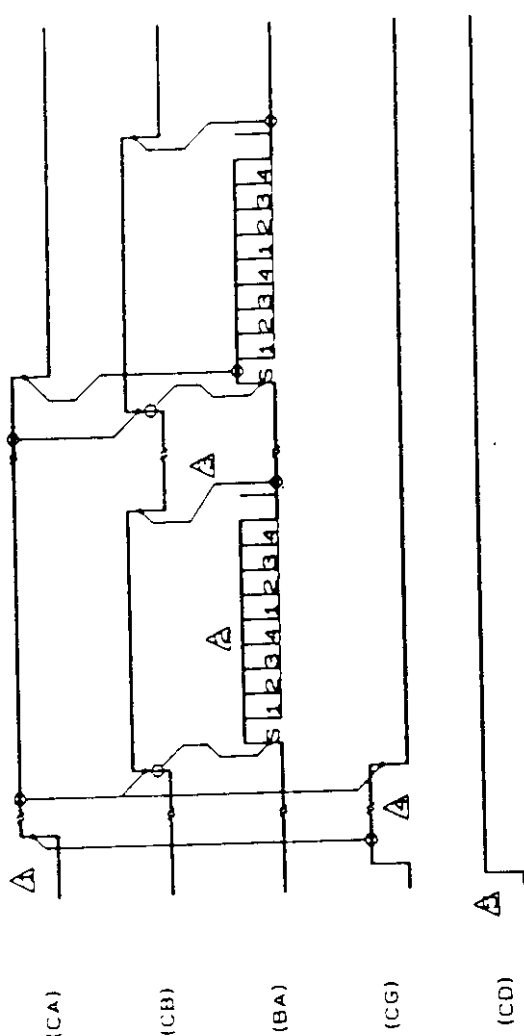
REQ REQUEST TO SEND
→

CLS CLEAR TO SEND
←

TXQ TRANSMIT DATA
→

ARQ SIGNAL QUALITY
←

UTR DATA TERMINAL READY
→



△ REQUEST TO SEND GENERATED EITHER FROM NEW TRANSPONDER ENCOUNTER OR AUTOMATIC REPEAT REQUEST (ARQ) AS INDICATED BY SIGNAL QUALITY LINE.

△ ASYNCHRONOUS CHARACTER FORMAT: 1 START BIT, 8 DATA BITS, 1 STOP BIT.
IF ARQ REMAINS HIGH THEN CB MUST BE BROUGHT LOW BEFORE END OF STOP BIT + 1mSEC OR SECOND CHARACTER WILL FOLLOW IMMEDIATELY.

△ CG ONLY RECOGNIZED WHEN BOTH CA AND CB LOW.
△ CD HIGH INDICATES THAT 6508 IS READY TO COMMUNICATE.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		OWN BY HP	8905127
DECIMAL XX ±	1	CHECKER PL	8905127
FRACTION XXX ±	1	APPROV	NOV 19 1968
ANGULAR ±	1	MATERIAL	
DO NOT SCALE DWG			
DRAWING STATUS	FINISH		
PHOTO			
FILE			

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VANCOUVER	MONTREAL
TITLE INTERFACE TIMING	
6508	
DRAWING NO	REV
B	A
031-0043-68	