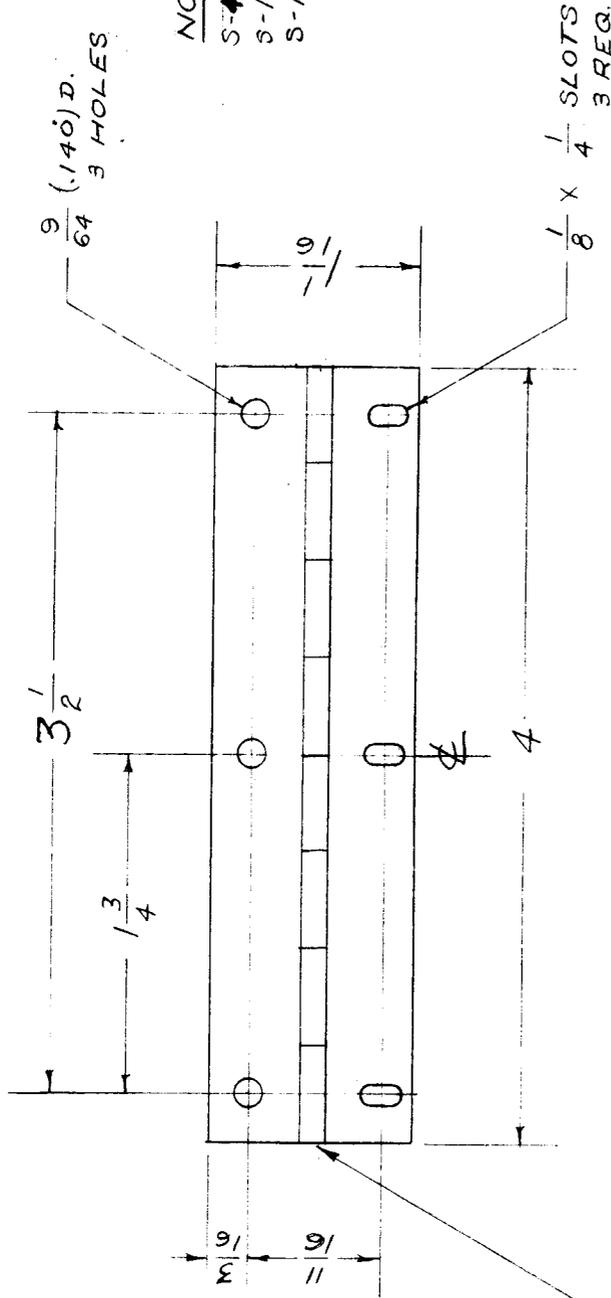


IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES



.095 DURALUMIN PIN 4" LONG.

NOTE:

S-404 - IRIDITE

S-114 - ZINC CHROMATE PRIMER

S-115 - SMOOTH GRAY ENAMEL

H. D. BRONSON CO.

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
.040		THE TECHNICAL MATERIEL CORP.	
STOCK SIZE		MAMARONECK. NEW YORK	
ALUMINUM		FRONT DOOR HINGE	
MATERIAL	WEIGHT PER PC.		
5052 H 32			
TYPE & TEMPER			
HEAT TREAT. SPEC.			
SEE NOTE			
FINISH & SPEC. NO.			

C	1	S404 - IRIDITE WAS S101 - CAUSTIC DLP	12-7 59	1001	P	EMN.
B	1	REDRAWN	8/25/55	2	PB	JAB
ISSUE ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES						
SCALE						
DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.						
ALL OTHERS	DEC. DIM. \pm FRAC. DIM. \pm $\frac{1}{64}$ ANGULAR DIM. \pm					

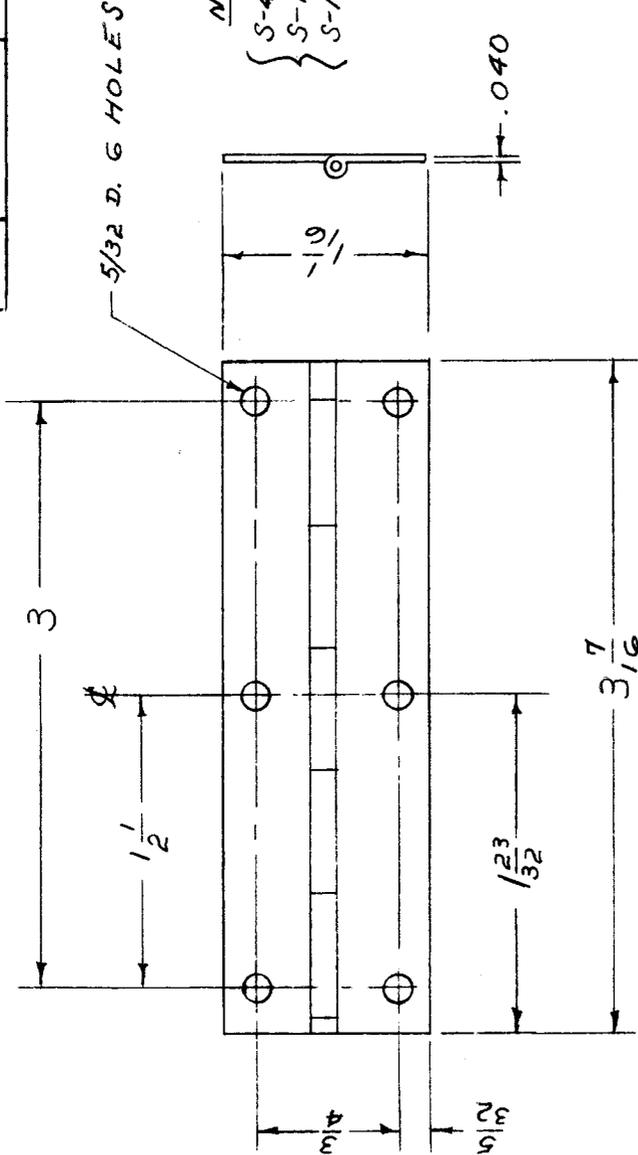
REQ. PER UNIT	MODEL	PROJECT NO.	USED ON
1	XFK		
		ASSY. NO.	DATE
		A-685	8-15-55

HI-100 C

HI-100 C

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES



HI-101

B

USED ON			
REQ. PER UNIT	MODEL	PROJECT NO.	ASSY. NO.
1	VOX	101	
1	VOX-1,-2	291	
1	GPE-1		

DATE
1-24-55
1-24-55
6-7-61

REF: H. D. BRONSON CO.

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
.040 THK.		THE TECHNICAL MATERIEL CORP.	
SEE NOTE		MAMARONECK. NEW YORK	
		FRONT DOOR HINGE	
MATERIAL	WEIGHT PER PC.		
52 S- H 32			
TYPE & TEMPER			
H			
HEAT TREAT. SPEC.			
SEE NOTE			
FINISH & SPEC. NO.			

ISSUE ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS CHECKER	ENG. APP.
B 1	S404-IRIDITE WAS S101-CAVITIC DIP	12-3-59	1001	UP	EMN
#	REDRAWN NO CHANGE	1-24-55	#	PP	WDE

SCALE

TOLERANCES

DEC. DIM. ±
 FRAC. DIM. ± 1/64
 ANGULAR DIM. ±

DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

MECH. DES. APP.	ELEC. DES. APP.	CHECKED	FINAL APPROVAL
WDE		JAWDE	

HI-101

B

HI-102

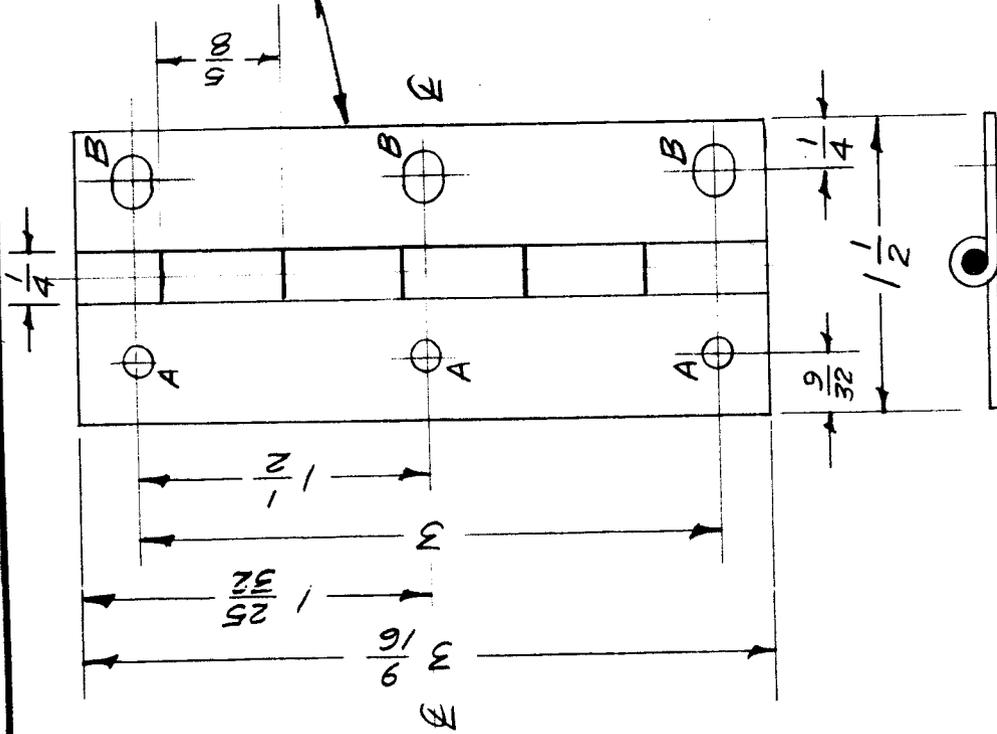
USED ON		DATE
REQ. PER UNIT	MODEL ASSY. NO.	1-14-57
1	TST	1-14-57
1	TSR	

FRONT PANEL MAIN SECTION, MS-1019-3
MOUNTS ON THIS SIDE.

- A - 5/32 (.156) D. 3 REQ.
- B - 3/16 x 1/4 SLOT 3 REQ.

FINISH NOTE - ZINC CHROMATE PRIMER
S114 SMOOTH GREY ENAMEL OR
S115 PRIME & PAINT TO
CUSTOMERS SPECIFICATION.

NOTE -
PLAIN TYPE
BOTH ENDS NOT SWAGED



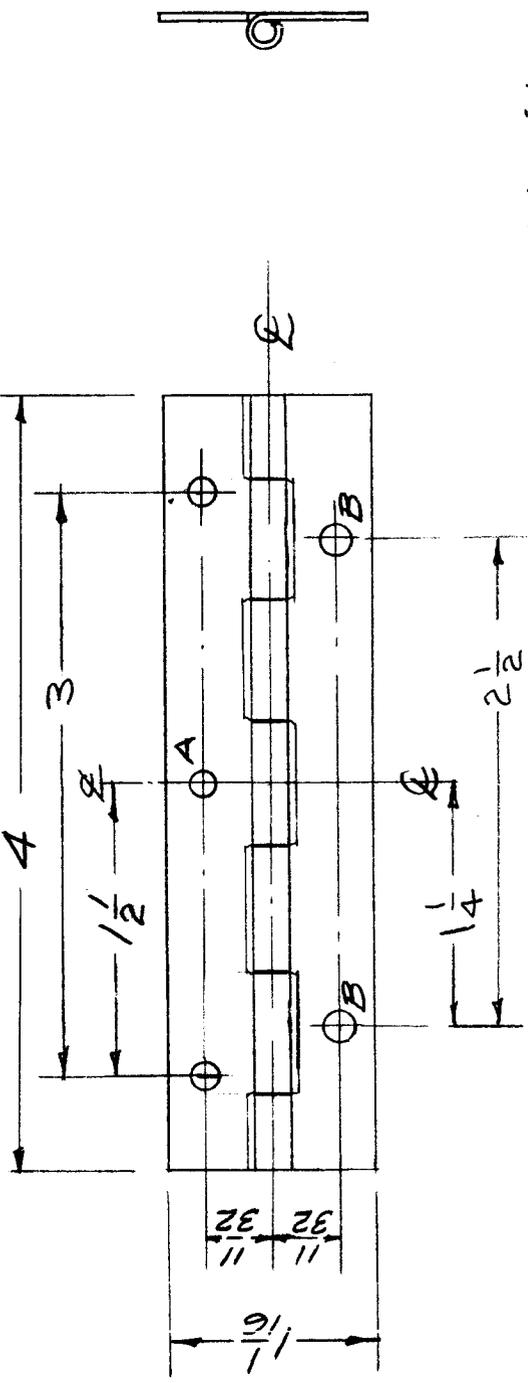
REF H. D. BRONSON CO. # 7753

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
	.062 THK. STOCK SIZE	HINGE	
	BRASS	FRONT PANEL	
	MATERIAL		
	4	16-14-57	
	TYPE & TEMPER	CHECKED	FINAL APPROVAL
	HEAT TREAT. SPEC.	DRAWN	
	SEE NOTE		HI-102
	FINISH & SPEC. NO.	ELEC. DES. APP.	MECH. DES. APP.

TOLERANCES
MAXIMUM ALLOWABLE TOLERANCES HAVE
BEEN DETERMINED AND ANY DEVIATIONS
WILL BE CAUSE FOR REJECTION.
REMOVE ALL BURRS AND SHARP EDGES

REQ. PER UNIT	MODEL	USED ON ASSY. NO.	DATE
1	ATS-50TU	A-1510	2-25-58
1	ATS-70TU	A-1510	2-25-58
1	RFA-1	A-1538	5-12-58

HI-105 A



Plain Type
Both flaps not swaged

A - 1/8 (.125) Diam. 3 Req.
B - 1/64 (.0156) Diam. 2 Req.

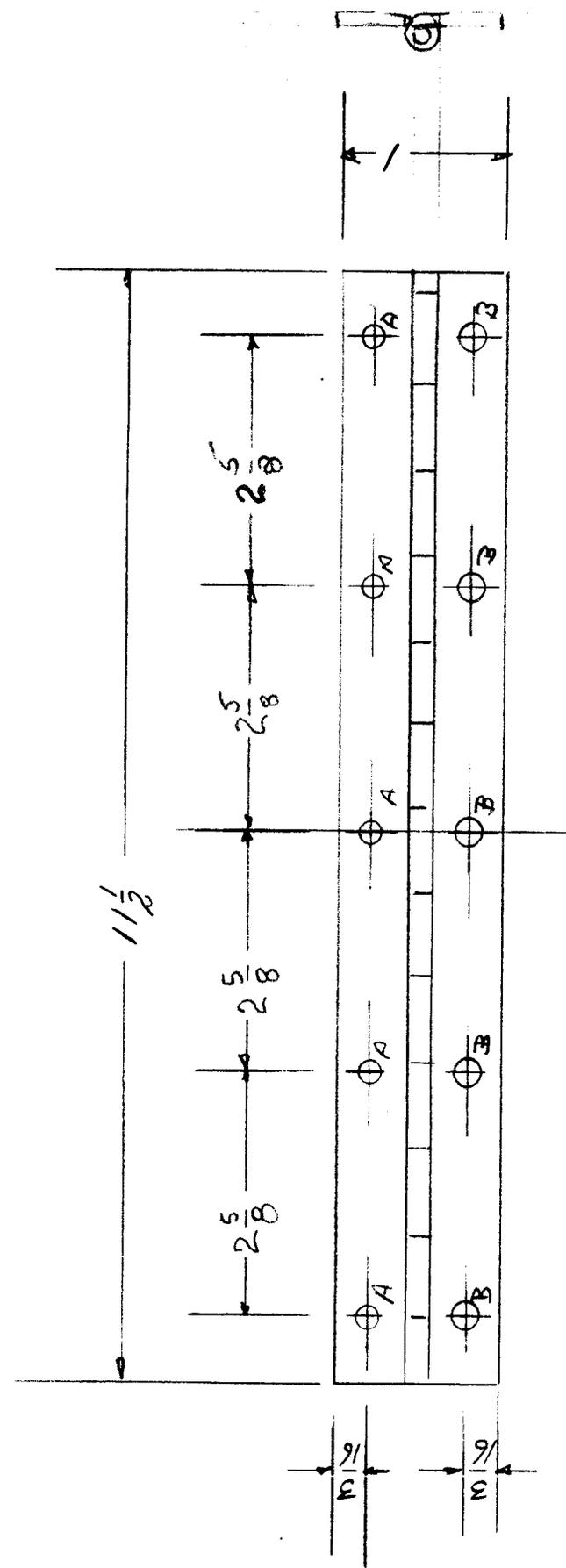
Material - Aluminum - 5052-H32
Gauge - .040 Thk.
Pin Material - Duraluminum
Pin Diam. - .095 D.
Finish - IRIDITE (S404)

Ref. Homer D. Bronson Co.

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
STOCK SIZE		HINGE	
MATERIAL			
TYPE & TEMPER		HEAT TREAT. SPEC.	
SEE NOTE		DRAWN 16 ³ /25/58	
FINISH & SPEC. NO.		CHECKED <i>[Signature]</i>	
SCALE:		FINAL APPROVAL <i>[Signature]</i>	
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES		ELEC. DES. APP. <i>[Signature]</i>	
ISSUE ITEM	CHANGED FROM	DATE	CH. NO.
A 1	S404-IRIDITE WAS 5101 CAUSTIC DIP	12-7 59	1001
			DRAFTS
			CHECKER
			ENG. APP.
			EMN

REQ. PER. UNIT		USED ON	
1	GPT-10K	ASBY. NO.	DATE
		AUX FR	2-25/59

HI-106 A



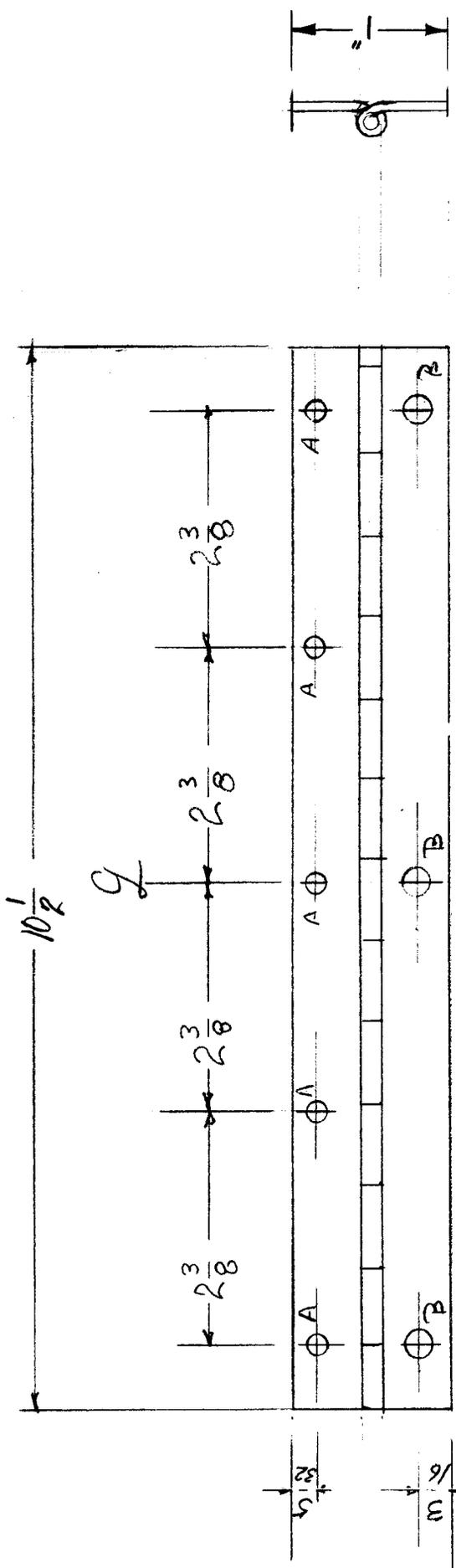
A - 1/8 Dia
 B - 1/64 Dia
 5 holes
 5 holes

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
	.040	THE TECHNICAL MATERIEL CORP.	
	STOCK SIZE	MAMARONECK, NEW YORK	
	ALUMINIUM	Hinge.	
	MATERIAL	Top Fan	
	5052-H32		
	TYPE & TEMPER	CHECKED	
	HEAT TREAT. SPEC.	DRAWN	
	IRIDITE		
	FINISH & SPEC. NO.	ELEC. DES. APPROV.	
		DES. APP.	
		FINAL APPROVAL	
		HI-106 A	

SCALE:
 MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ. PER. UNIT	USED ON	DATE
1	ASSY. N.	2-25-59
	AUX. FR.	
	M DEL	
	GPT-101C	

HI-107 A



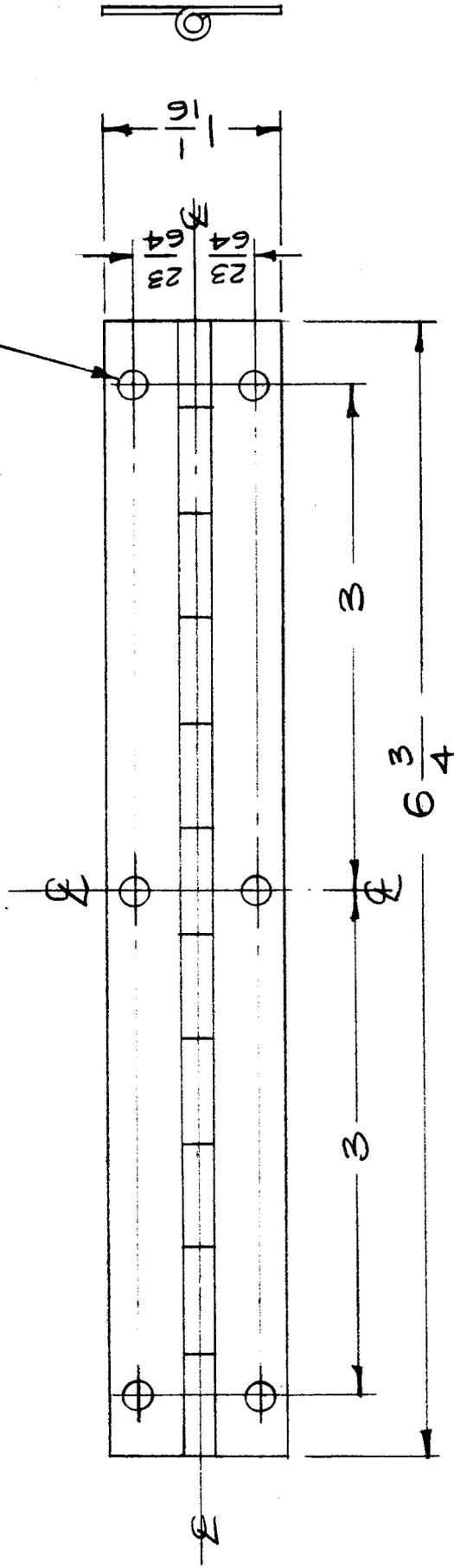
A- 1/8 Dia 5 Holes
 B- 11/64 Dia 3 Holes

REG. ITEM	PART NO.	DESCRIPTION	SYMBOL
	.040	THE TECHNICAL MATERIEL CORP.	
	STOCK SIZE	MAMARONECK, NEW YORK	
	ALUMINUM	Hinge	
	MATERIAL	Bottom Fan	
5052-H32			
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
IRIDITE			
FINISH & SPEC. NO.		ELEC. DES. APP. MECH. DES. APP.	
			HI-107 A
<p>SCALE:</p> <p>MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES</p>			
ISSUE ITEM	CHANGED FROM	DATE	CH. NO.
A 1	1" DIM. ADD. ON S. VIEW	7.6.64	11724
			MSB
			CHECKER
			ENG. APP.
<p>TOLERANCES</p> <p>DEC. DIM. ±</p> <p>FRAC. DIM. ±</p> <p>ANGULAR DIM. ±</p>			

HINGE MATERIAL - Aluminum, 5052-H32
 GUAGE - .040 THK.
 PIN MATERIAL - Duraluminum
 PIN DIAMETER - .095 D.
 OPEN HINGE WIDTH - 1-1/16"
 HINGE TYPE - PLAIN, NO SWAGE
 FINISH - 5404-Iridite

S114 - Zinc Chromate Primer
 S115 - Smooth Grey Enamel

11/64 (.171) D, 6 Req.

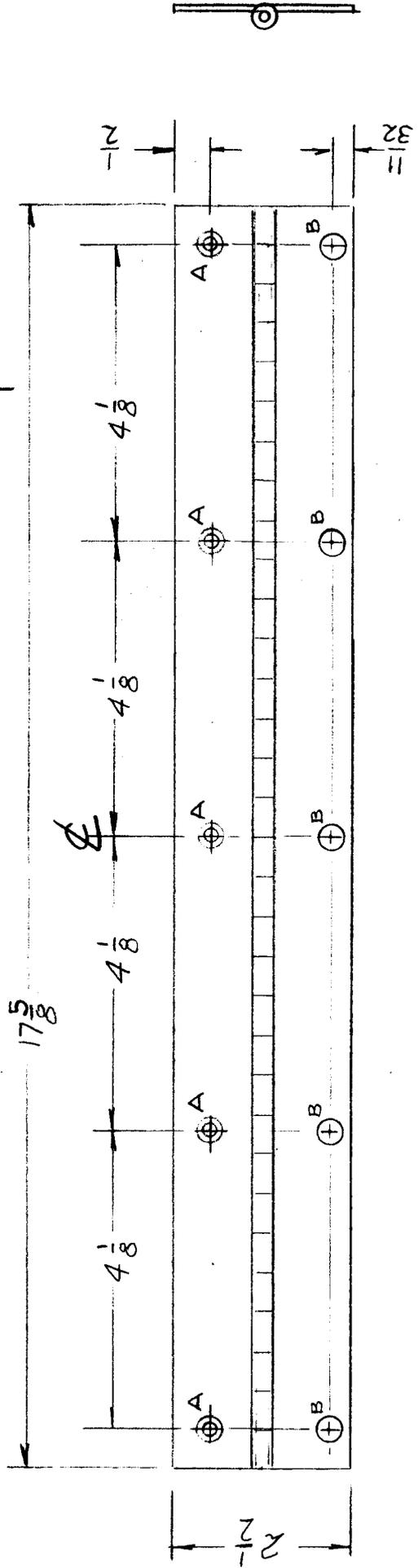


HI-109

REQ. UNIT	USED ON	DATE
1	ASSY. N.	6-15-59
	M DEL	
	PS-5	
	PAL-TR	

REQ. ITEM		PART NO.		DESCRIPTION		SYMBOL	
SEE NOTES		SEE NOTES		THE TECHNICAL MATERIEL CORP.			
TYPE & TEMPER		HEATTREAT. SPEC.		MAMARONECK, NEW YORK			
SEE NOTES		FINISH & SPEC. NO.		HINGE, DOOR			
SCALE: FULL (Do Not Scale)		DRAWN		CHECKED		FINAL APPROVAL	
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES		16/15/59		[Signature]		[Signature]	
TOLERANCES		ELEC. DES. APP		MECH. DES. APP		HI-109	
DEC. DIM. ±							
FRAC. DIM. ± 1/64							
ANGULAR DIM. ±							

REQ. PER. UNIT		USED ON	
MODEL	ASSY. NO.	DATE	
CONSOLE			H1-110
RAK-7A			
RAK-7B			



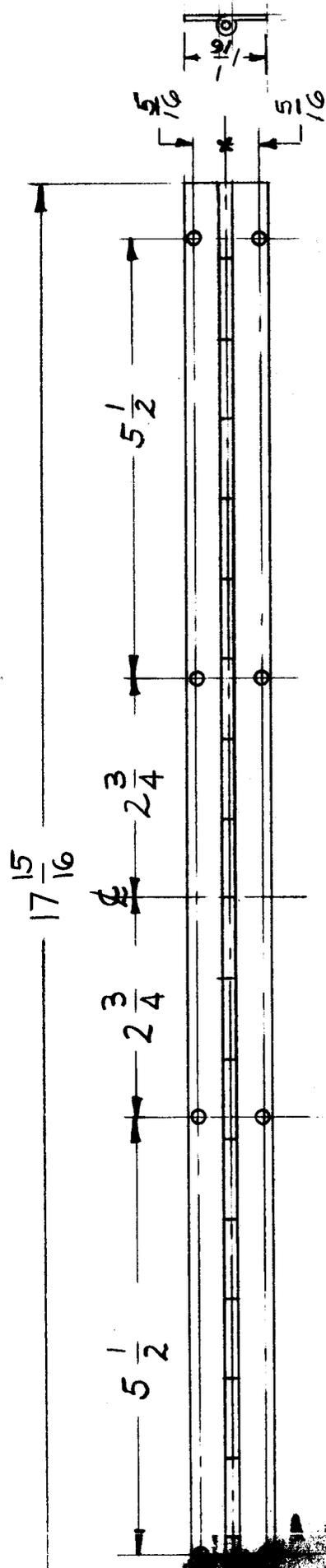
.095 DURALUMINUM PIN

A-C SINK FOR 6-32 FHS-5 REG
 B- 9/64 DIA.
 5 REG

REG. ITEM	DESCRIPTION	SYMBOL
C	S-254 WAS 5-115	
B	4- 5 HOLES WERE A HOLE DIM 2/3 WAS 2/16 DIM 1/2 WAS 7/16, 1/32 WAS 7/32 DIM 17/32 WAS 17/32	
A	6404 IRIDITE WAS CHANGED FROM S101 CAUSTIC DIP	
ISSUE ITEM	CHANGED FROM	
TOLERANCES		
DEC. DIM. ±		
FRAC. DIM. ±	1/4 *	
ANGULAR DIM. ±		
REG. ITEM	PART NO.	SYMBOL
	.057 THK.	
	STOCK SIZE	
	ALUMINUM	
	MATERIAL	
	TYPE & TEMPER	HEAT TREAT. SPEC.
	15	APP
	DRAWN	CHECKED
	APP	APP
	FINAL APPROVAL	
	H1-110	C
	DESCRIPTION	
	THE TECHNICAL MATERIEL CORP.	
	MAMARONECK, NEW YORK	
	HINGE, TOP, CONSOLE	
	DATE	CH. NO.
9-23-63	9986	
11-10-60	3450	
12-7-59	1001	
DATE	DRAFTS	CHECKER
	RU	JG
	P	EMN.
SCALE:	MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES	
	SCALE: 1/2"	
	FINISH & SPEC. NO.	
	ELEC. DES. APP. MECH. DES. APP.	

RE. PER. UNIT	MODEL	ASSY. NO.	DATE
1	GPT-40K	AP-103	3-7-60

HI-112 A



ALL HOLES 5/32 (.156) D. 8 REQ.

MAT'L. - DURALUMINUM
 DIA. .095
 HINGE WIDTH 1-1/16"
 HINGE TYPE - PLAIN, NO SWAGE

FINISH {
 HI-112-1 { 5404 - YEL. IRIDITE
 5114 - ZINC CHROMATE PRIMER
 5115 - SMOOTH GREY ENAMEL.
 HI-112-2 { 5404 YEL IRIDITE
 5114 ZINC CHROMATE PRIMER
 5788 BLK VINYL CORITEX PAINT

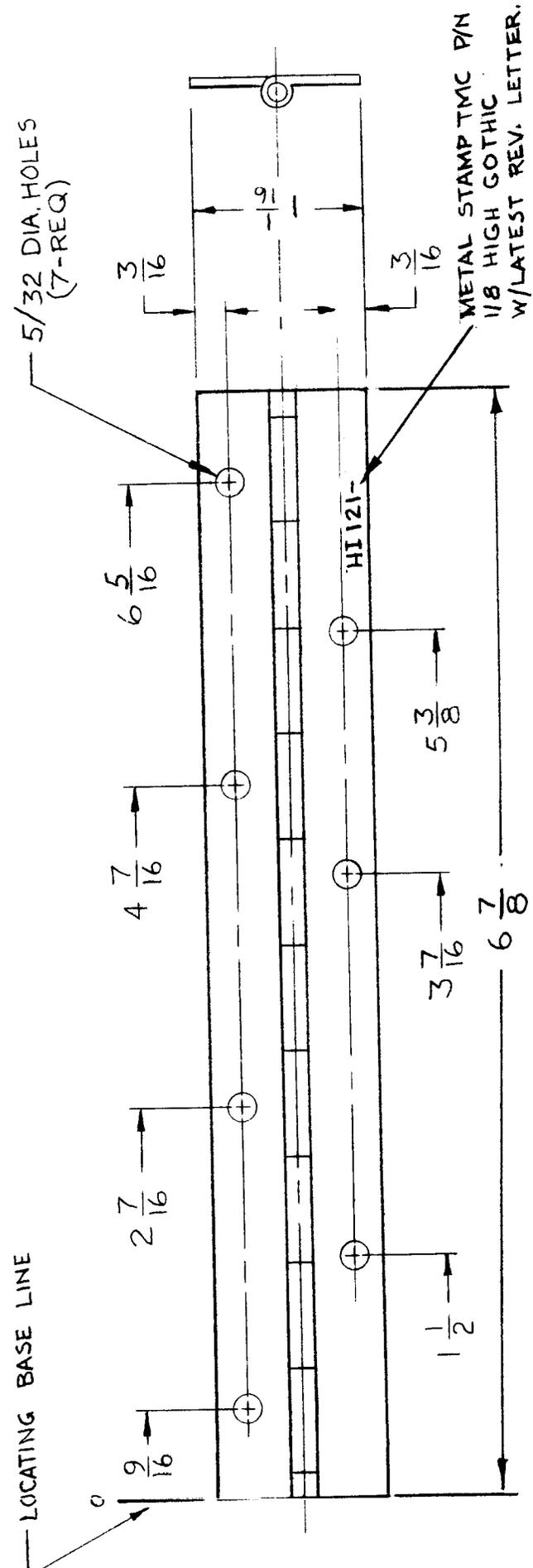
REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
	.040	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
	STOCK SIZE	HINGE, DOOR	
	ALUMINUM		
	MATERIAL		
5052-H32	10110	Drawn	Checked
TYPE & TEMPER	HEAT TREAT. SPEC.		
SEE NOTE			
FINISH & SPEC. NO.	ELEC. DES. APP. MECH. DES. APP.		

DATE 10/1/63
 CH. NO. 10107
 DRAFTS
 CHECKER
 ENG. APP.
 SCALE: 1/2
 MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

FINAL APPROVAL
 HI-112 A

REQ. PER UNIT		USED ON	
1	RTMU-1	ASSY. NO.	DATE
1	RTPA-1	A3908	1-18-65
		A3684	1-18-65

HI 121

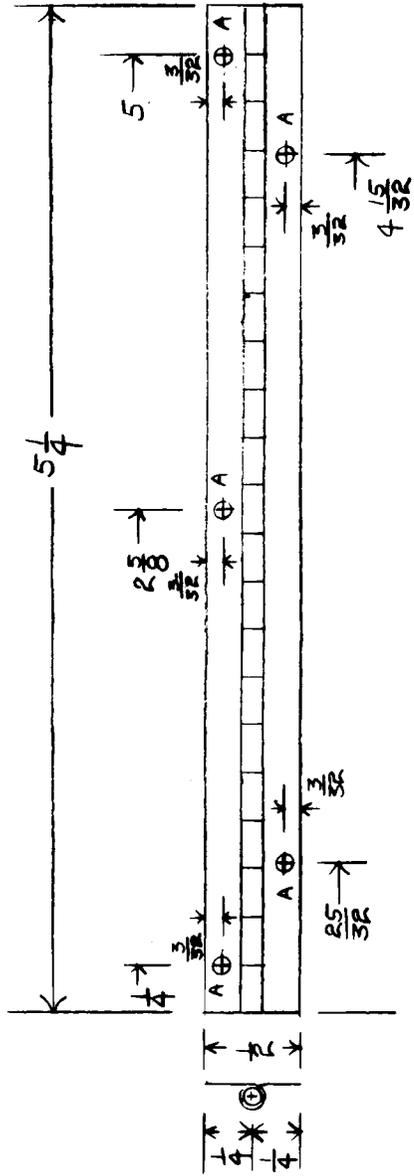


HINGE SPECIFICATIONS
 MATERIAL — ALUMINUM 5052-H32
 GAUGE — .040 THK.
 PIN MATERIAL — DURALUMINUM
 PIN DIAMETER — .095 DIA.
 FINISH — YELLOW IRIDIUM PER S404

REMOVE ALL BURRS & SHARP EDGES.

REQ. ITEM	PART NO.	EATON	DESCRIPTION SK 3071 PM-4	SYMBOL
	STOCK SIZE	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
	MATERIAL	HINGE — P.C. CARD BIN		
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
		J. Lawrence	W. Jordan	HI 121
		1/18/65	1/18/65	
		ELEC. DES. APP. MECH. DES. APP.		
	FINISH & SPEC. NO.			
UNLESS OTHERWISE SPECIFIED	SCALE	1:1		
DIMENSIONS ARE IN INCHES AND INCLUDE	DATE	1-18-65		
CHEMICALLY APPLIED OR PLATED FINISHES	CH. NO.	X		
FRACTIONS	DATE	1-18-65		
± 1/64	CHECKER	J.M		
ANGLES	DRAFTS	J.L		
± 0° 30'	ENG. APP.			
TOLERANCES	CODE	C	S401-264	
DECIMALS				
.X ± .05				
.XX ± .01				
.XXX ± .005				

REQ. PER UNIT	1	USED ON	DATE
MODEL	ES A	ASSY. NO.	
		HI 125	



MATERIAL: .020 BRASS - VENDOR A. LUDWIG & Co. #1244
 HINGE SUPPLIED - UNFINISHED
 FINISH: NICKEL

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
	STOCK SIZE	HINGE	
	MATERIAL		
	TYPE & TEMPER	DRAWN	CHECKED
	HEAT TREAT. SPEC.		FINAL APPROVAL
	FINISH & SPEC. NO.		HI 125
	ELEC. DES. APP.	MECH. DES. APP.	

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES AND INCLUDE
 CHEMICALLY APPLIED OR PLATED FINISHES

TOLERANCES

FRACTIONS
 ± 1/64
 ANGLES
 ± 0° 30'

DECIMALS
 .X ± .05
 .XX ± .01
 .XXX ± .005

DATE

SCALE

CH. NO.

DRAFTS

CHECKER

ENG. APP.

DATE

SCALE

CH. NO.

DRAFTS

CHECKER

ENG. APP.

DATE

SCALE

CH. NO.

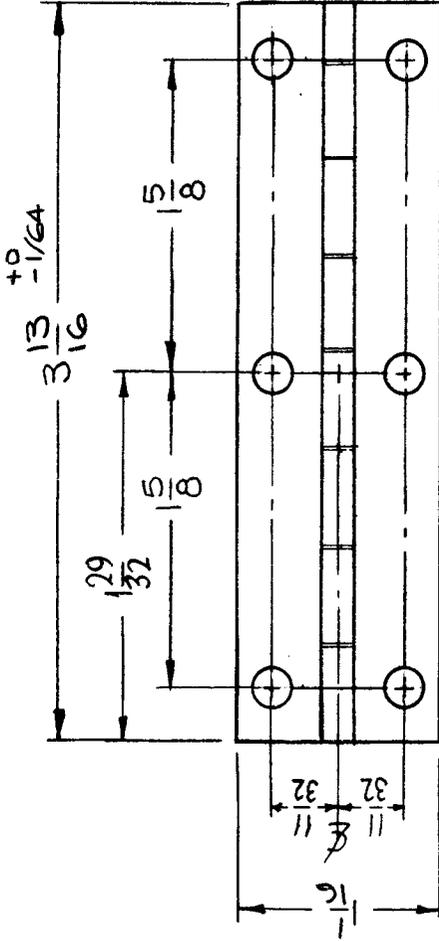
DRAFTS

CHECKER

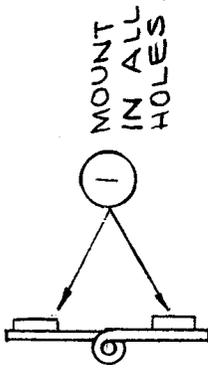
ENG. APP.

S401- (A10530)

REQ. PER UNIT	MODEL	USED ON	DATE
1	TSTA-2.5K	ASBY. NO.	6-21-65
			HI126
			Ø



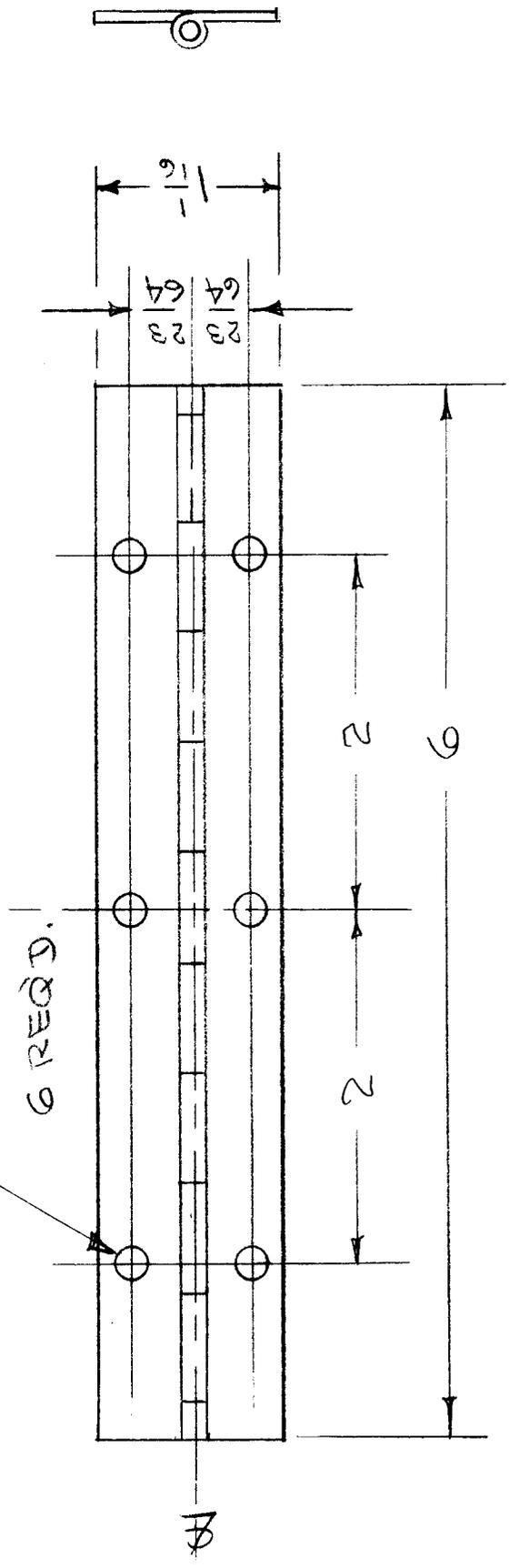
HOLES:
 .191 ±.004 DIA. (6REQ)



6	1	NT129-632-3	NUT, PLAIN, SPLINE	SYMBOL
REQ. ITEM	PART NO.	F. BUDETTI	DESCRIPTION	
.040 THICK		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
STOCK SIZE		HINGE, DOOR (FRONT PANEL)		
ALUMINUM		MATERIAL		
5052-H32	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
TYPE & TEMPER		9/26/69		
S404 YEL. IRIDITE	FINISH & SPEC. NO.	ELEC. DES. APP.	MECH. DES. APP.	HI126
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE 1:1		
ORIGINAL RELEASE		DATE 9/26/69	CH. NO.	DRAFTS
DESCRIPTION		11	CHECKER	ENG. APP.
TOLERANCES		FRACTIONS ± 1/64 ANGLES ± 0° 30'		
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005		CODE A		

REQ. PER UNIT	1	MODEL	AX 8002	USED ON	HI 8001	DATE	
ABBY. NO.							

$\frac{11}{64}$ (.172) DIA
6 REQ'D.

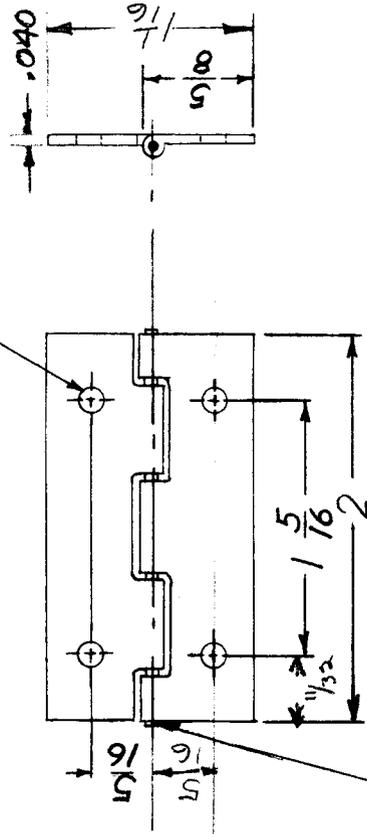


MATERIAL: .040 THK, 5052 H32 ALUMINUM
 PIN MATERIAL: .095 DIA DURALUMINUM
 OPEN HINGE WIDTH: 1 1/16"
 HINGE TYPE: PLAIN, NO SWAGE
 FINISH: SA04 IRIDITE
 S114 PRIMER
 S115 ENAMEL

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
SEE NOTES		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
" "	" "	DOOR HINGE	
" "	" "	24 HOUR CLOCK	
" "	" "	C.P. DEAN G.M.C. 11-22-64 12-13-67	
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
" "	" "	CB III	CB
FINISH & SPEC. NO.	ELEC. DES. APP.	MECH. DES. APP.	FINAL APPROVAL
			HI 8001

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
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$\frac{1}{8}$ 4 REQ.



— .095 DURALUMIN PIN 2" LONG.

REF: AN 257-2

CDCS-1		PROJECT NO.		ASS'Y. NO.		DATE	
MODEL		.040		STOCK SIZE		ALUMINUM	
MATERIAL		5052		H32		WEIGHT PER PC.	
TYPE & TEMPER		S404 YEL. IRIDITE		HEAT TREAT. SPEC.		FINISH & SPEC. NO.	
TOLERANCES		SCALE 5/100 45-37		DIMENSIONS IN INCHES		UNLESS OTHERWISE SPECIFIED	
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES		IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.		DRILL. PUNCH. COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.		TOLERANCES ARE NOT INCLUDED.	
ALL OTHERS	DEC. DIM. ±	FRAC. DIM. ±	ANGULAR DIM. ±	DRAWN R. L. G.		ELEC. DES. APP. MECH. DES. APP.	
TMC (Canada) LIMITED		OTTAWA		ONTARIO		HINGE	
R. BARE		ELEC. DES. APP.		MECH. DES. APP.		FINAL APPROVAL	
HI10002		R. L. G.		R. L. G.		HI10002	