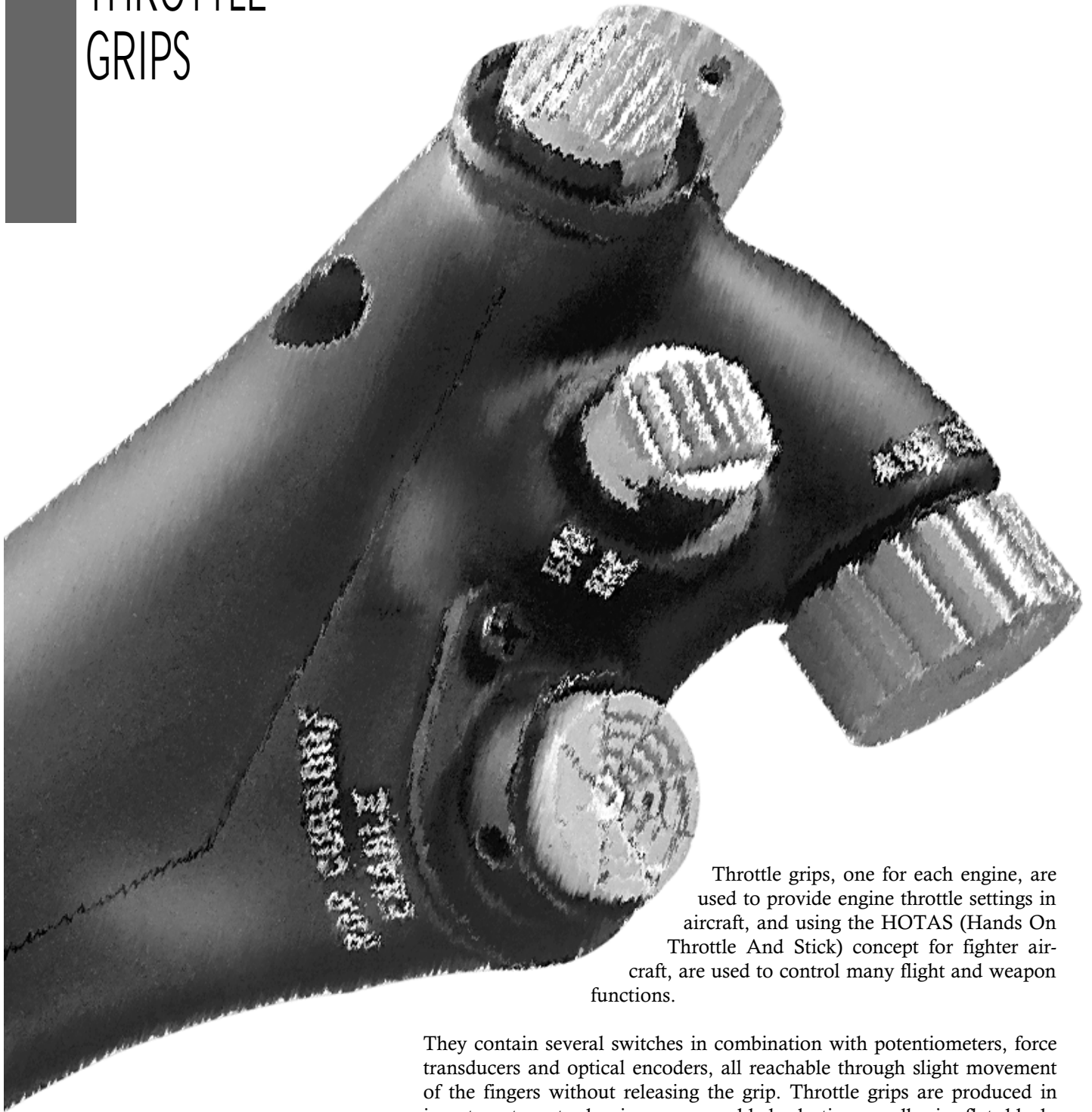


THROTTLE GRIPS



Throttle grips, one for each engine, are used to provide engine throttle settings in aircraft, and using the HOTAS (Hands On Throttle And Stick) concept for fighter aircraft, are used to control many flight and weapon functions.

They contain several switches in combination with potentiometers, force transducers and optical encoders, all reachable through slight movement of the fingers without releasing the grip. Throttle grips are produced in investment cast aluminum or molded plastic, usually in flat black, although other colors are available.

These grips are mounted from one side using threaded fasteners, or from the base using threaded fasteners or a threaded coupling. Those having an electrical connector attached to the grip are readily attached and removed from the aircraft without having to remove, feed wires through, or otherwise disturb other equipment on the aircraft. Resultant improvements in Mean Time To Repair are dramatic.

REV STATUS		REV	
SYN	DESCRIPTION	DATE	APPROVED
1			
2			
3			

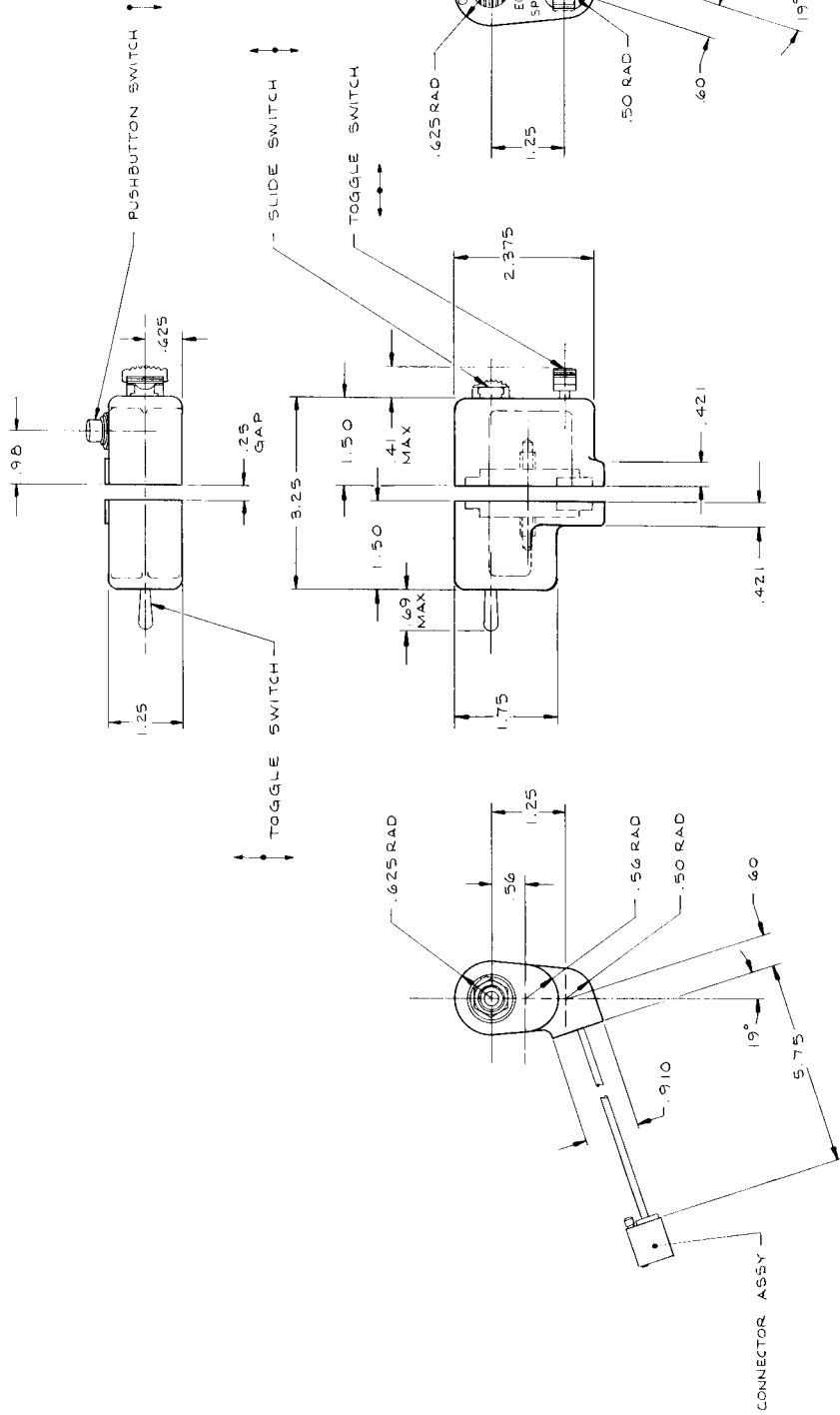


FIG NO	CODE	IDENT NO	PART OR IDENT NO	NOMENCLATURE OR DESCRIPTION	NOTE
1					
2					
3					

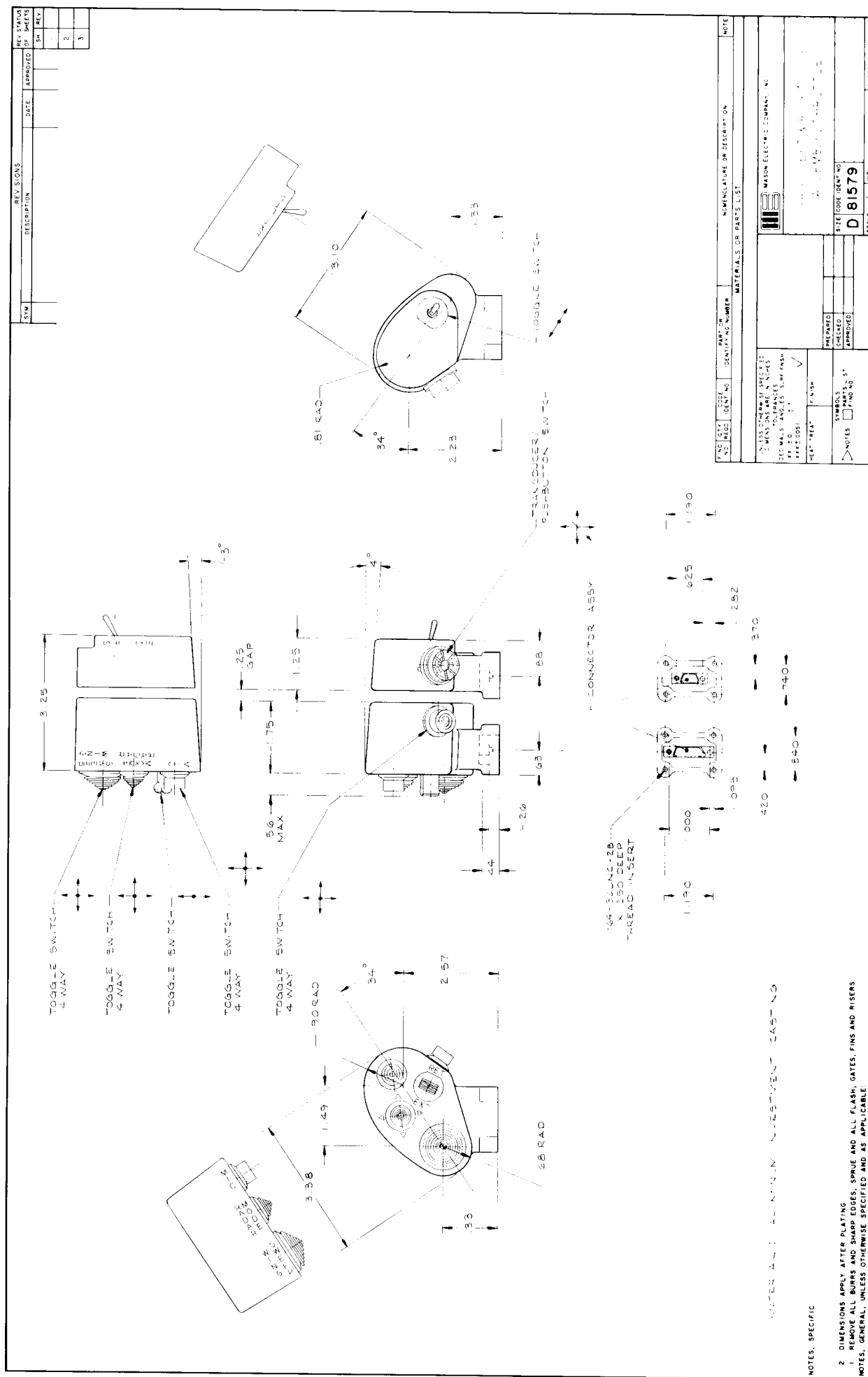
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DECIMAL TOLERANCES XX 2.01 2.1 XX 2.00 2.1 HEAT TREAT FINISH		MASON ELECTRIC COMPANY, INC.	
ANGLE LEFT & RIGHT - SEE ASSEMBLY THROTTLE		SIZE CODE IDENT NO	
D 81579		SCALE 1/16"	
SYMBOLS		PARTS LIST	
NOTES		APPROVED	
		SHEET	

MATERIAL: MOLDED GLASS FILLED
THERMOSETTING PLASTIC.

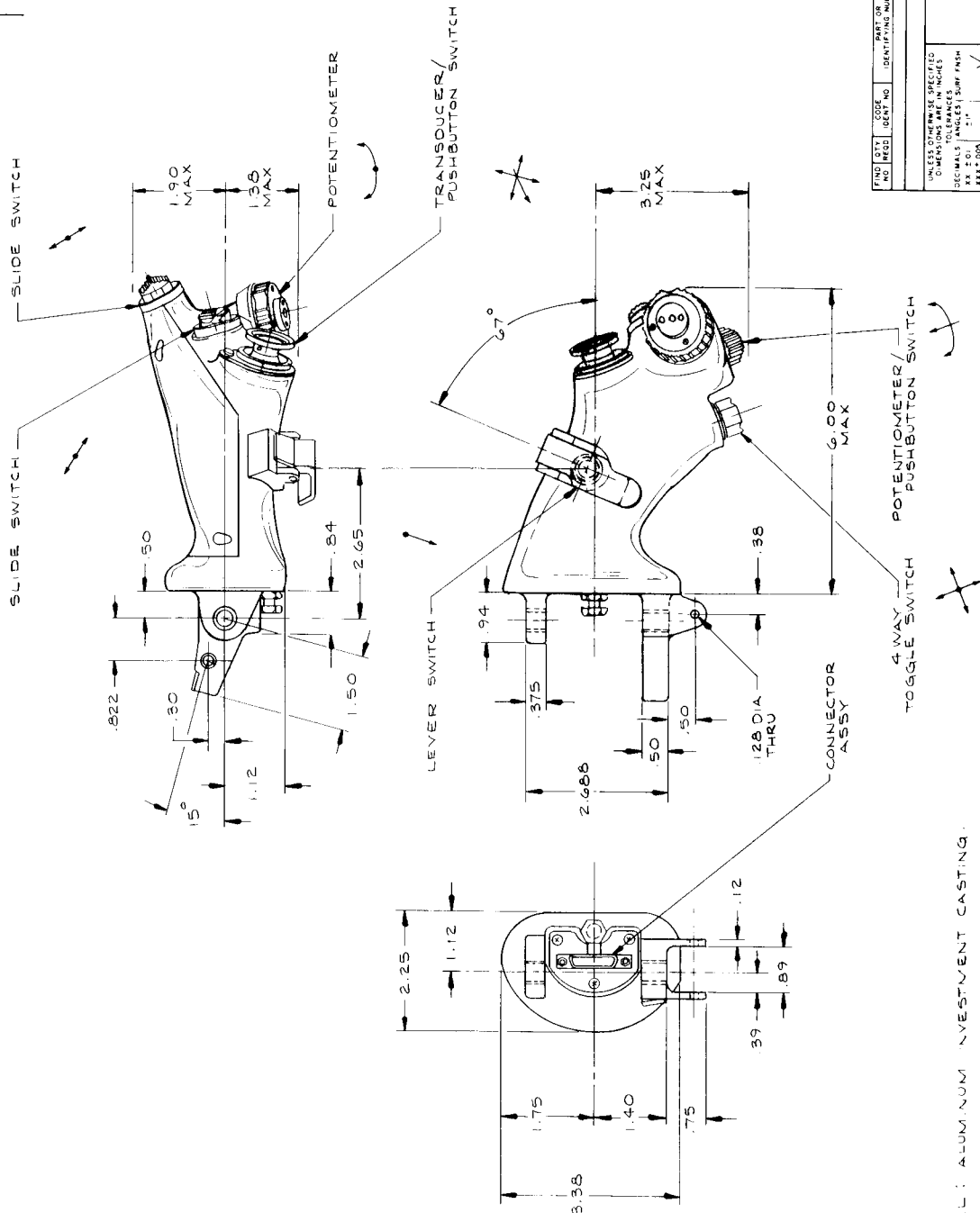
NOTES, SPECIFIC

2. DIMENSIONS APPLY AFTER PLATING
1. REMOVE ALL BURRS AND SHARP EDGES; SPRUE AND ALL FLASH; GATES, FINS AND RISERS.

NOTES, GENERAL, UNLESS OTHERWISE SPECIFIED AND AS APPLICABLE:



REV STATUS		REVISIONS		APPROVED	
SYM	DESCRIPTION	DATE	BY	DATE	BY
1					
2					
3					



MATERIAL: ALUMINUM INVESTMENT CASTING.

NOTES, SPECIFIC

2 DIMENSIONS APPLY AFTER PLATING

1. REMOVE ALL BURRS AND SHARP EDGES, SPRUE AND ALL FLASH, GATES, FINS AND RISERS.

NOTES, GENERAL, UNLESS OTHERWISE SPECIFIED AND AS APPLICABLE

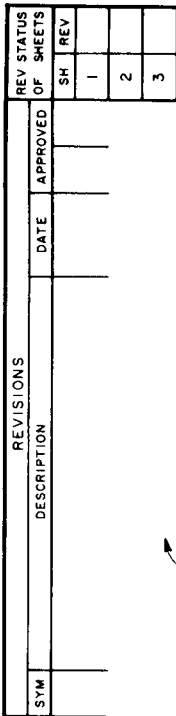
FIG. NO.	DATE	BY	DESCRIPTION	REVISIONS	APPROVED
1					
2					
3					

UNLESS OTHERWISE SPECIFIED		MATERIALS OR PARTS LIST		NOTE	
FIG. NO.	DATE	BY	DESCRIPTION	REVISIONS	APPROVED
1					
2					
3					

MASON ELECTRIC COMPANY, INC.

SIZE CODE IDENT NO
D 81579

SHEET



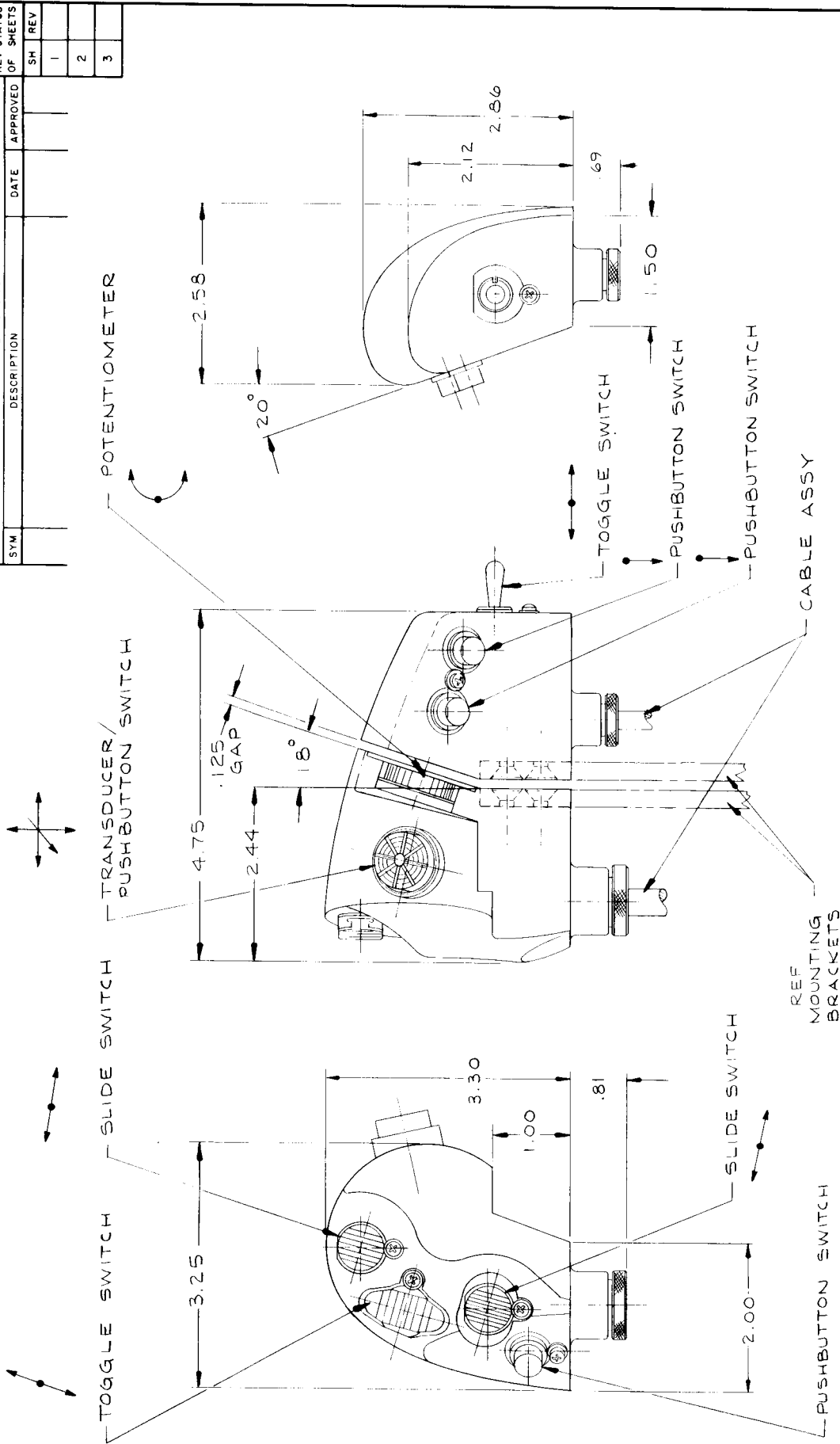
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DECIMALS ANGLES SURF FINISH TOLERANCES	XX ±0.1	1" ✓	HEAT TREAT	FINISH	SYMBOLS	PARTS LIST <input type="checkbox"/> FIND NO	NOTES △	SCALE 1" = 1' WT	SHEET 1 OF 1
	XXX ±0.005								
MASON ELECTRIC COMPANY, INC									
GRIP LEVER, THROTTLE, POWERPLANT, RH & LH									
SIZE CODE IDENT NO						C 81579			
PREPARED									
CHECKED									
APPROVED									

2. DIMENSIONS APPLY AFTER PLATING.

1. REMOVE ALL BURRS AND SHARP EDGES; SPRUE AND ALL FLASH; GATES, FINS AND RISERS.

NOTES, GENERAL, UNLESS OTHERWISE SPECIFIED AND AS APPLICABLE:

REVISIONS		DATE	APPROVED	REV STATUS	
SYM	DESCRIPTION			SH	REV
				1	
				2	
				3	



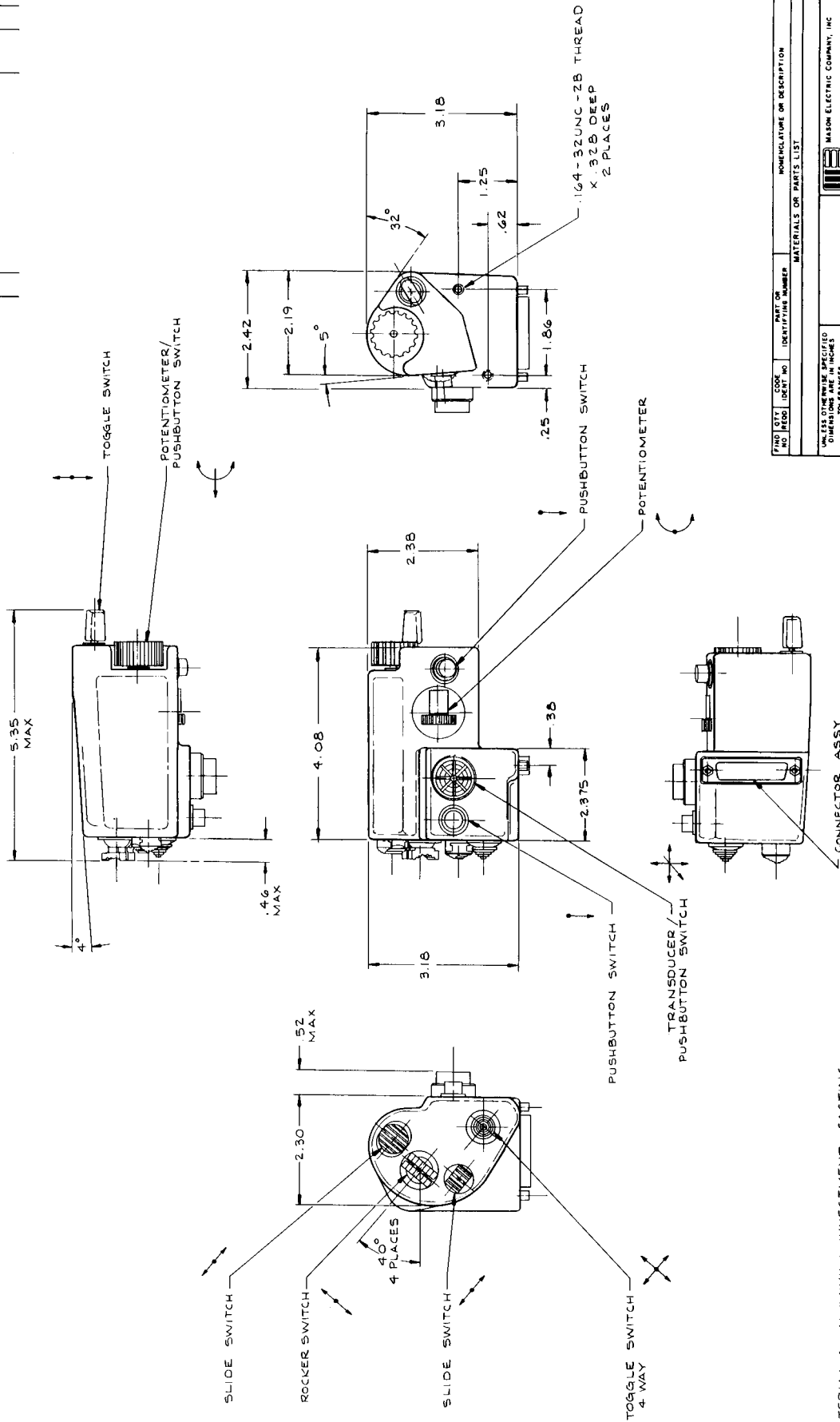
FIND NO	QTY REQD	CODE IDENT NO	PART OR IDENTIFYING NUMBER	NOMENCLATURE OR DESCRIPTION	NOTE
MATERIALS OR PARTS LIST					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES					
TOLERANCES					
DECIMALS ANGLES SURF FINISH					
XX ±.01 ±1° XXXX.005 ✓					
HEAT TREAT		FINISH			
NOTES		SYMBOLS		PARTS LIST	
		□ FIND NO			
		PREPARED		CHECKED	
		APPROVED			
SIZE CODE IDENT NO					
C 81579					
SCALE 1/1 WT					
SHEET					

MATERIAL: ALUM NUM INVESTMENT CASTING

2. DIMENSIONS APPLY AFTER PLATING.
1. REMOVE ALL BURRS AND SHARP EDGES; SPRUE AND ALL FLASH; GATES, FINS AND RISERS.
- NOTES, GENERAL, UNLESS OTHERWISE SPECIFIED AND AS APPLICABLE:

REV	STATUS	DATE	APPROVED	BY	REV
1					1
2					2
3					3

SYN	DESCRIPTION	DATE	APPROVED	BY	REV



MATERIAL: ALUMINUM INVESTMENT CASTING

NOTES, SPECIFIC:

2. DIMENSIONS APPLY AFTER PLATING
 1. REMOVE ALL BURRS AND SHARP EDGES, SPRUE AND ALL FLASH, GATES, FINS AND RISERS.
- NOTES, GENERAL, UNLESS OTHERWISE SPECIFIED AND AS APPLICABLE:

FIND NO		QTY	CODE	IDENT NO	PART OR IDENTIFYING NUMBER	NOMENCLATURE OR DESCRIPTION		NOTE
MATERIALS OR PARTS LIST MASON ELECTRIC COMPANY, INC. CONTROL GRIP, ASSEMBLY, THROTTLE SIZE CODE IDENT NO D 81579 SCALE 1/8" = 1"								
PREPARED		CHECKED		APPROVED				
FIND NO		PARTS LIST		FIND NO				

