

35 CABINET FOR AUTOMATIC SEND RECEIVE

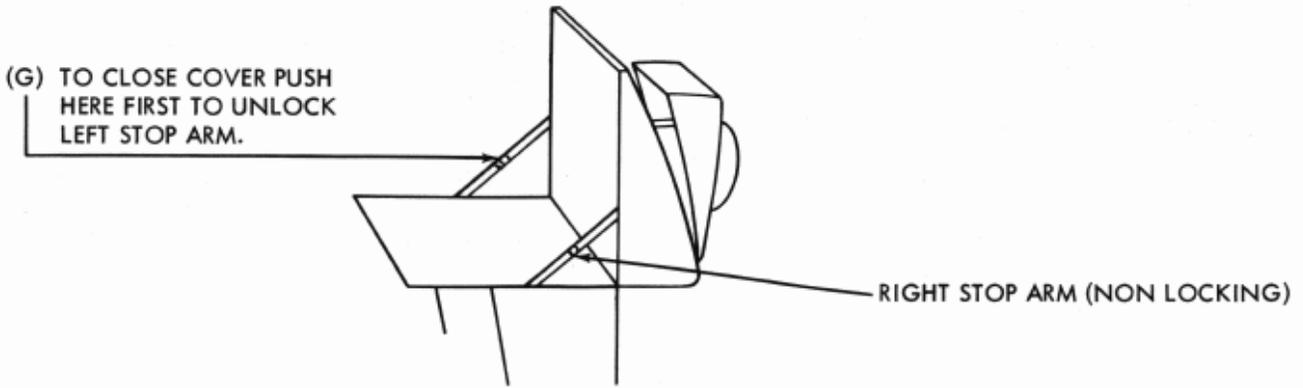
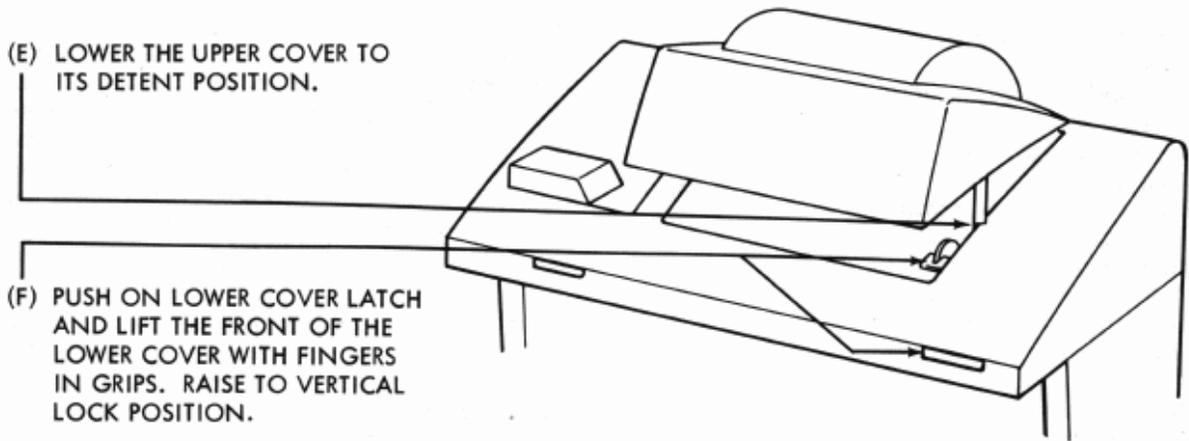
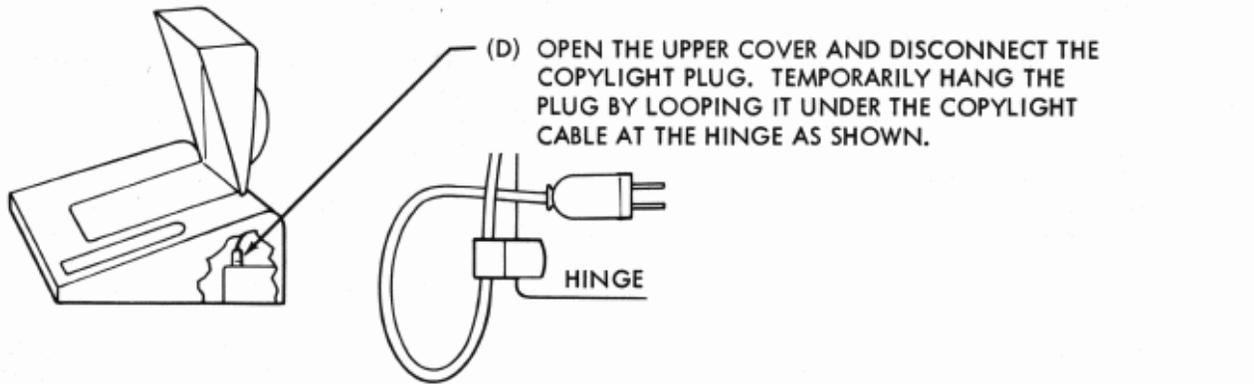
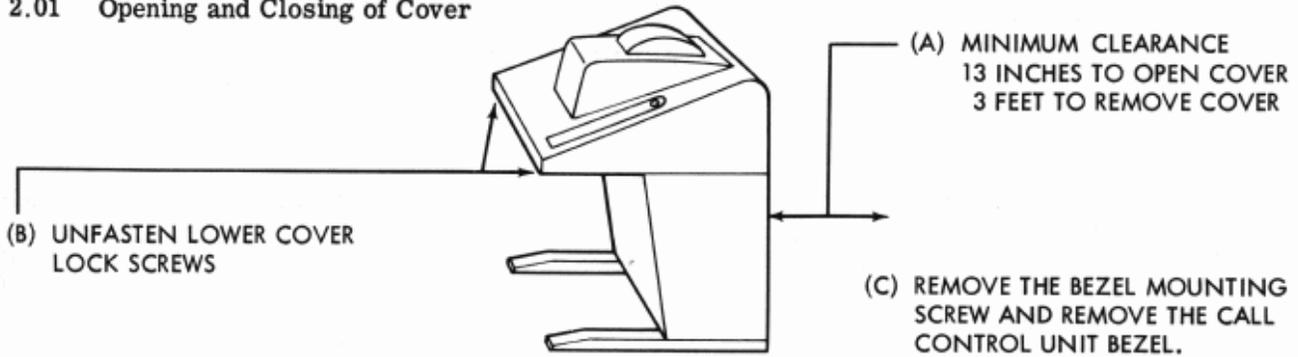
TELETYPEWRITER SET

ADJUSTMENTS

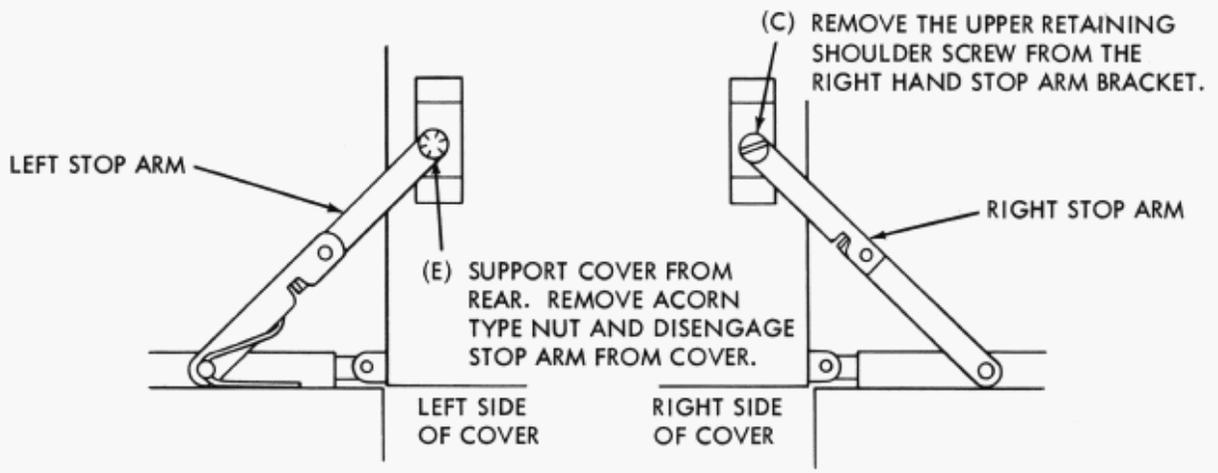
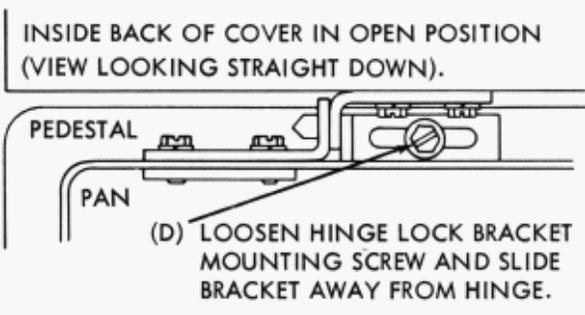
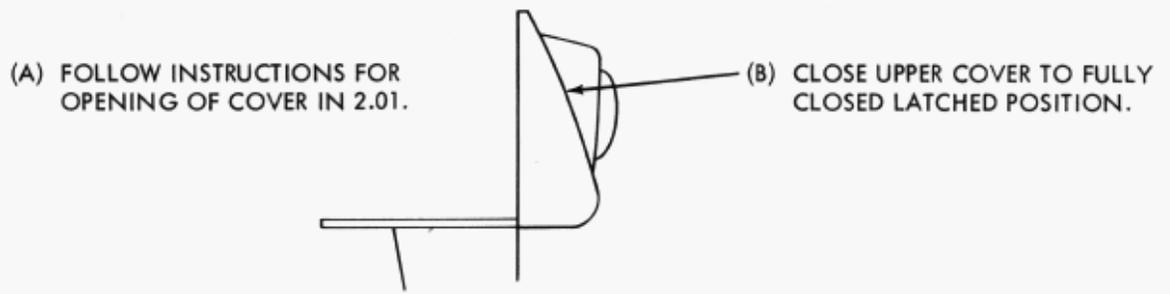
CONTENTS	PAGE	CONTENTS	PAGE
1. GENERAL	1	Window (final)	10
2. ADJUSTMENTS	2	Window (preliminary)	6
Bubble latch plate (final)	10	1. GENERAL	
Bubble latch plate (preliminary)	6	1.01 This section is reissued to incorporate recent engineering information. Changes and additions are indicated by arrows placed in the margins.	
Bubble position front and rear (final)	10	1.02 The adjustments in this section are arranged in a sequence that should be followed if a complete readjustment is undertaken. A complete adjusting procedure should be read before attempting to make the adjustment. After an adjustment is completed, be sure to tighten any nuts or screws that may have been loosened, unless otherwise instructed.	
Bubble position front and rear (preliminary)	6	1.03 The adjusting illustrations indicate tolerances, positions of moving parts, spring tensions and the angle at which scales should be applied. The tools required to make adjustments and check spring tensions are not supplied with the equipment, but are listed in another section. Springs which do not meet the requirements, and for which there are no adjusting procedures, should be discarded and replaced by new springs.	
Call control unit height	11	1.04 Where adjustment instructions call for removal of components, assemblies, subassemblies or parts, all adjustments which the removal of the parts might facilitate should be made before the parts are replaced or as the equipment is reassembled. When a part mounted on shims is removed, the number of shims and their location should be noted so that the identical pile-up can be made when the part is replaced.	
Call control unit mounting bracket	11	1.05 References made to left or right, up or down, or front or rear apply to the unit in its normal operating position as viewed from the operator's position in front of the unit.	
Cleaning cabinets	11		
Control panel	9		
Copyright bracket	5		
Counterbalance arm	4		
Cover	12		
Cradle front to rear - Earlier design	7		
Cradle front to rear - Later design	8		
Cradle height (final) - Earlier design	7		
Cradle height (final) - Later design	8		
Cradle height (preliminary) - Earlier design	7		
Cradle height (preliminary) - Later design	8		
Front height of lower cover - Later design	8		
Latch	4		
Latch compression spring	4		
Line guide copyholder	5		
Lower cover latch	15		
Opening and closing of cover	2, 3		
Paper and form guide	10		
Tape chute	13		
Tape tearing edge	14		
Transmitter control panel	12		
Upper apparatus mounting rack bracket	11		
Upper cover clearance (latched)	4		
Upper cover position (front to rear)	4		

2. ADJUSTMENT

2.01 Opening and Closing of Cover



2.02 Opening and Closing of Cover - Continued

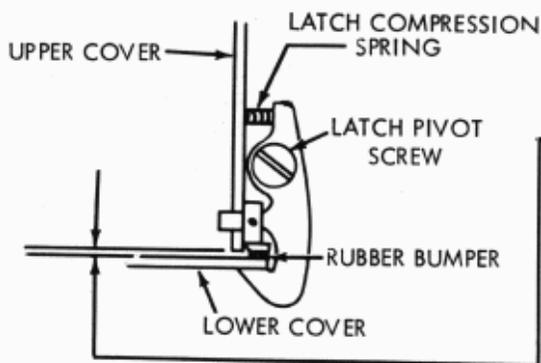
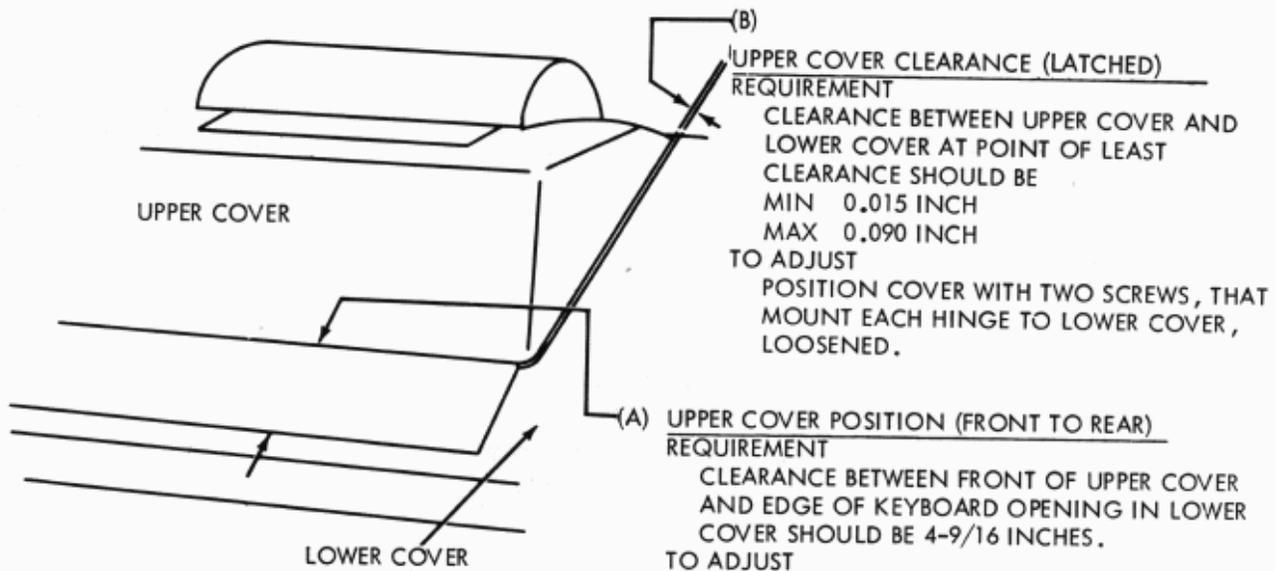


(F) SUPPORTING THE COVER FROM THE REAR, REMOVE BY SLIDING SIDEWAYS TO SEPARATE HINGES. THE COVER MAY BE GRASPED AS SHOWN.

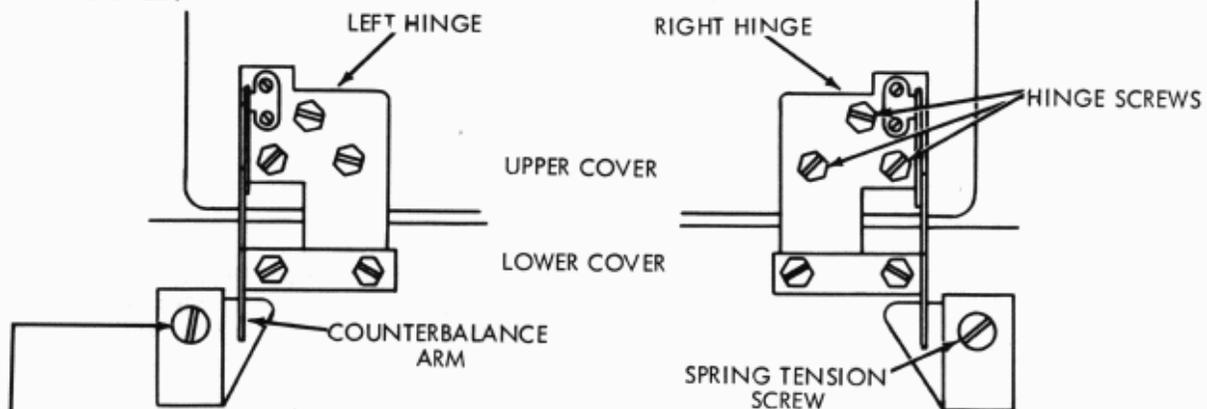
NOTE: COVER WEIGHS APPROXIMATELY 39 POUNDS

TO REPLACE COVER, REVERSE REMOVAL PROCEDURE.

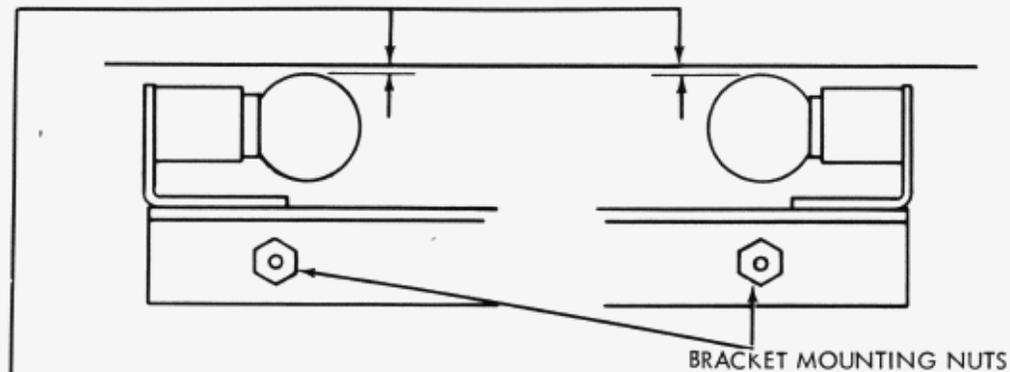
→ 2.03 Upper Cover Arrangement



LATCH COMPRESSION SPRING
 LATCH COMPRESSION SPRING SHOULD MOVE LATCH UNDER LOWER COVER WHEN UPPER COVER IS CLOSED.



2.04 Copyright and Line Guide Copyholder

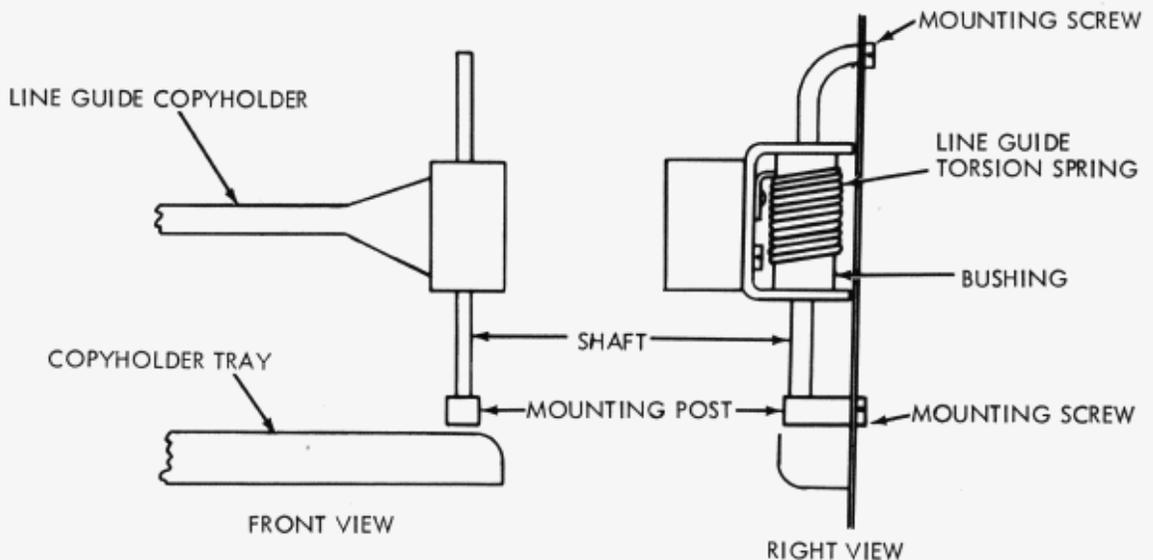


COPYLIGHT BRACKET
REQUIREMENT

CLEARANCE BETWEEN COPY LAMP BULBS AND THE CABINET SHOULD BE 1/16 INCH.

TO ADJUST

LOOSEN THE TWO BRACKET MOUNTING NUTS AND POSITION THE BRACKET.



LINE GUIDE COPYHOLDER
REQUIREMENT

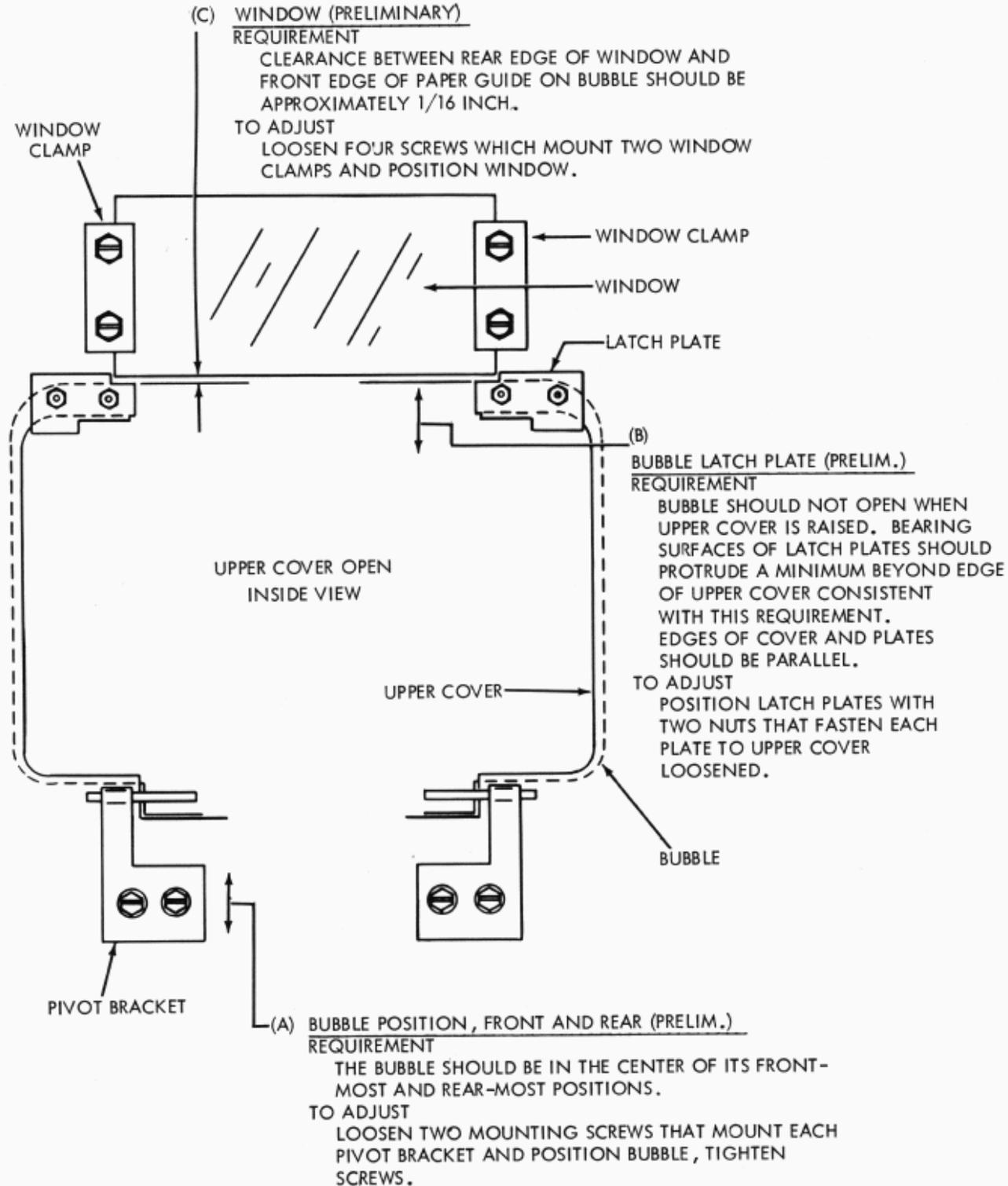
TENSION OF LINE GUIDE COPYHOLDER SHOULD BE JUST SUFFICIENT TO HOLD COPY IN PLACE AND PREVENT THE LINE GUIDE COPYHOLDER FROM SLIPPING DOWN THE SHAFT.

TO ADJUST

REMOVE TWO SHAFT MOUNTING SCREWS FROM INSIDE COVER AND TAKE OFF LINE GUIDE COPYHOLDER. REMOVE LINE GUIDE FROM SHAFT AND ROTATE BUSHING IN DIRECTION TO INCREASE OR DECREASE TORSION SPRING TENSION AGAINST LINE GUIDE. REASSEMBLE LINE GUIDE AND RE-INSTALL ON COVER.

→ 2.05 Bubble & Window Position

NOTE: ADJUSTMENTS ON THIS PAGE ARE PRELIMINARY.
FINAL ADJUSTMENTS TO BE MADE WITH TYPING UNIT IN PLACE.



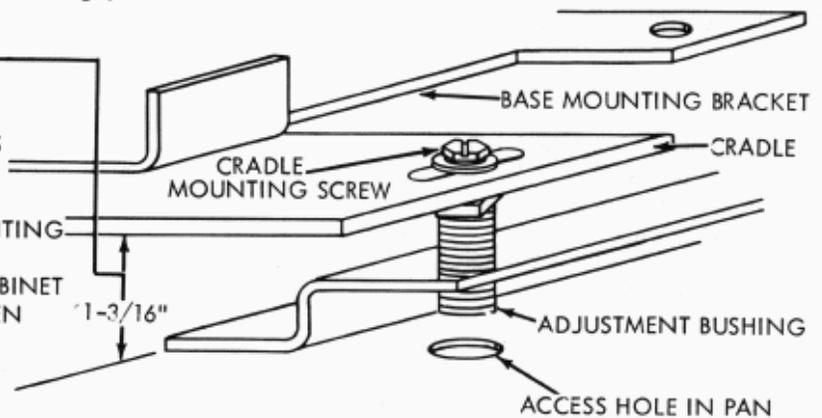
2.06 Cradle Adjustments (Earlier Design)

(A) CRADLE HEIGHT (PRELIMINARY) REQUIREMENT

DISTANCE FROM PAN TO TOP OF CRADLE AT FOUR CORNERS SHOULD BE 1-3/16 INCHES.

TO ADJUST

LOOSEN FOUR CRADLE MOUNTING SCREWS. TURN ADJUSTMENT BUSHINGS FROM BENEATH CABINET THRU ACCESS HOLES. TIGHTEN CRADLE MOUNTING SCREWS.



(C) CRADLE FRONT TO REAR REQUIREMENTS (MOTOR AND TYPING UNIT IN PLACE)

1. CLEARANCE BETWEEN COVER AND FRONT EDGE OF KEYBOARD SHOULD BE 1/16 INCH.

2. TOP OF FRONT EDGE OF KEYLEVER GUIDE PLATE SHOULD BE FLUSH WITH UNDER SURFACE OF COVER.

TO ADJUST

WITH CRADLE MOUNTING SCREWS LOOSENED, MOVE CRADLE FROM FRONT TO REAR UNTIL REQUIREMENTS ARE MET. REFINE CRADLE HEIGHT IF NECESSARY. TIGHTEN SCREWS.

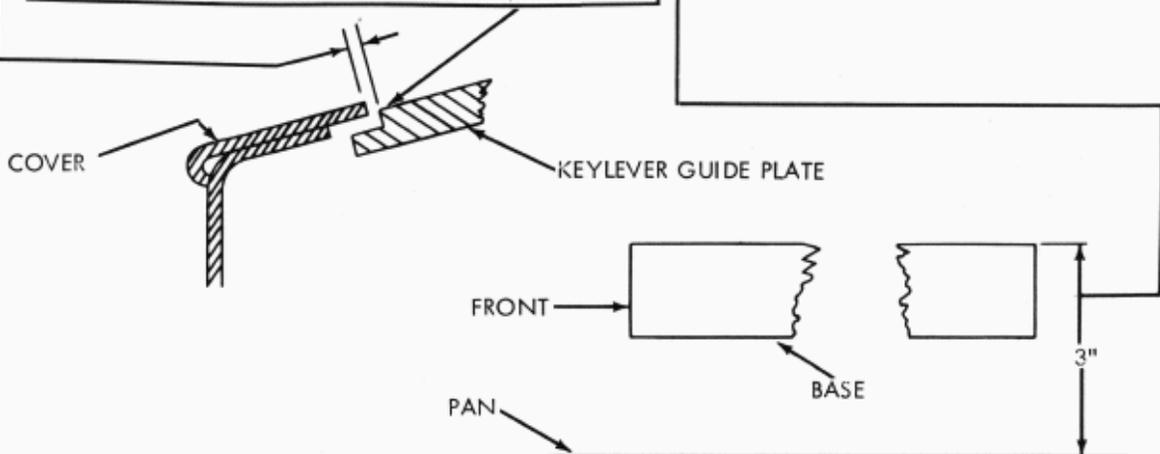
(B) CRADLE HEIGHT (FINAL) REQUIREMENTS (MOTOR AND TYPING UNIT IN PLACE)

1. TOP OF KEYLEVER GUIDE PLATE SHOULD BE FLUSH WITH LOWER EDGE OF COVER.

2. TOP OF BASE AT REAR CORNERS SHOULD BE 3 INCHES ABOVE PAN.

TO ADJUST

REFINE ADJUSTMENT (A) ABOVE.



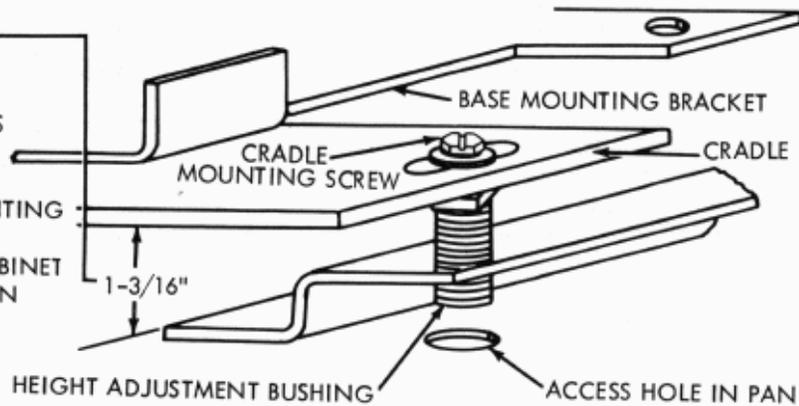
→ 2.07 Cradle Adjustments (Later Design)

(A) CRADLE HEIGHT (PRELIMINARY)
REQUIREMENT

DISTANCE FROM PAN TO TOP OF CRADLE AT FOUR CORNERS SHOULD BE 1-3/16 INCHES.

TO ADJUST

LOOSEN FOUR CRADLE MOUNTING SCREWS. TURN ADJUSTMENT BUSHINGS FROM BENEATH CABINET THRU ACCESS HOLES. TIGHTEN CRADLE MOUNTING SCREWS.

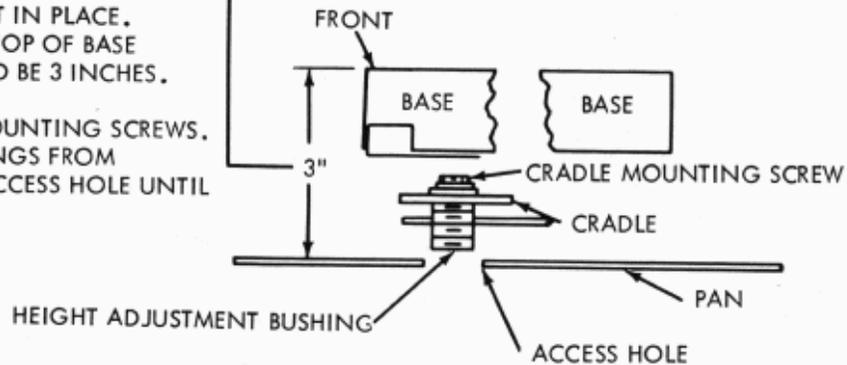


(B) CRADLE HEIGHT (FINAL)
REQUIREMENT

MOTOR AND TYPING UNIT IN PLACE. DISTANCE FROM PAN TO TOP OF BASE AT FOUR CORNERS SHOULD BE 3 INCHES.

TO ADJUST

LOOSEN FOUR CRADLE MOUNTING SCREWS. TURN ADJUSTMENT BUSHINGS FROM BENEATH CABINET THRU ACCESS HOLE UNTIL REQUIREMENT IS MET.

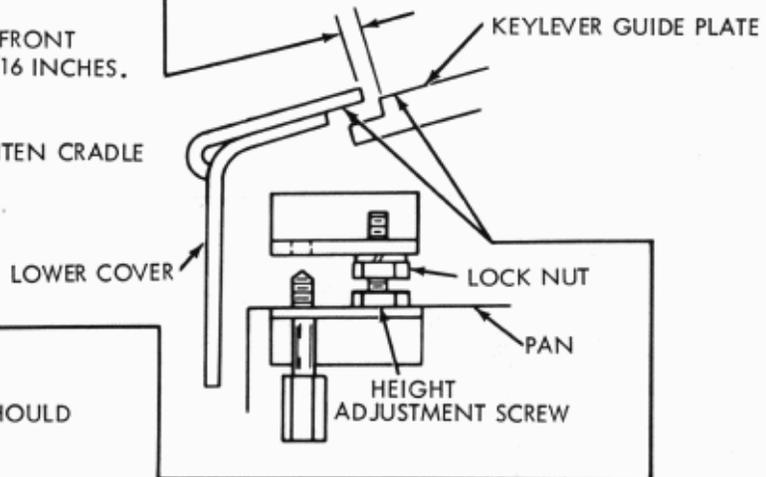


(C) CRADLE FRONT TO REAR
REQUIREMENT

CLEARANCE BETWEEN COVER AND FRONT EDGE OF KEYBOARD SHOULD BE 1/16 INCHES.

TO ADJUST

MOVE CRADLE TO FRONT OR REAR UNTIL REQUIREMENT IS MET. TIGHTEN CRADLE MOUNTING SCREWS.



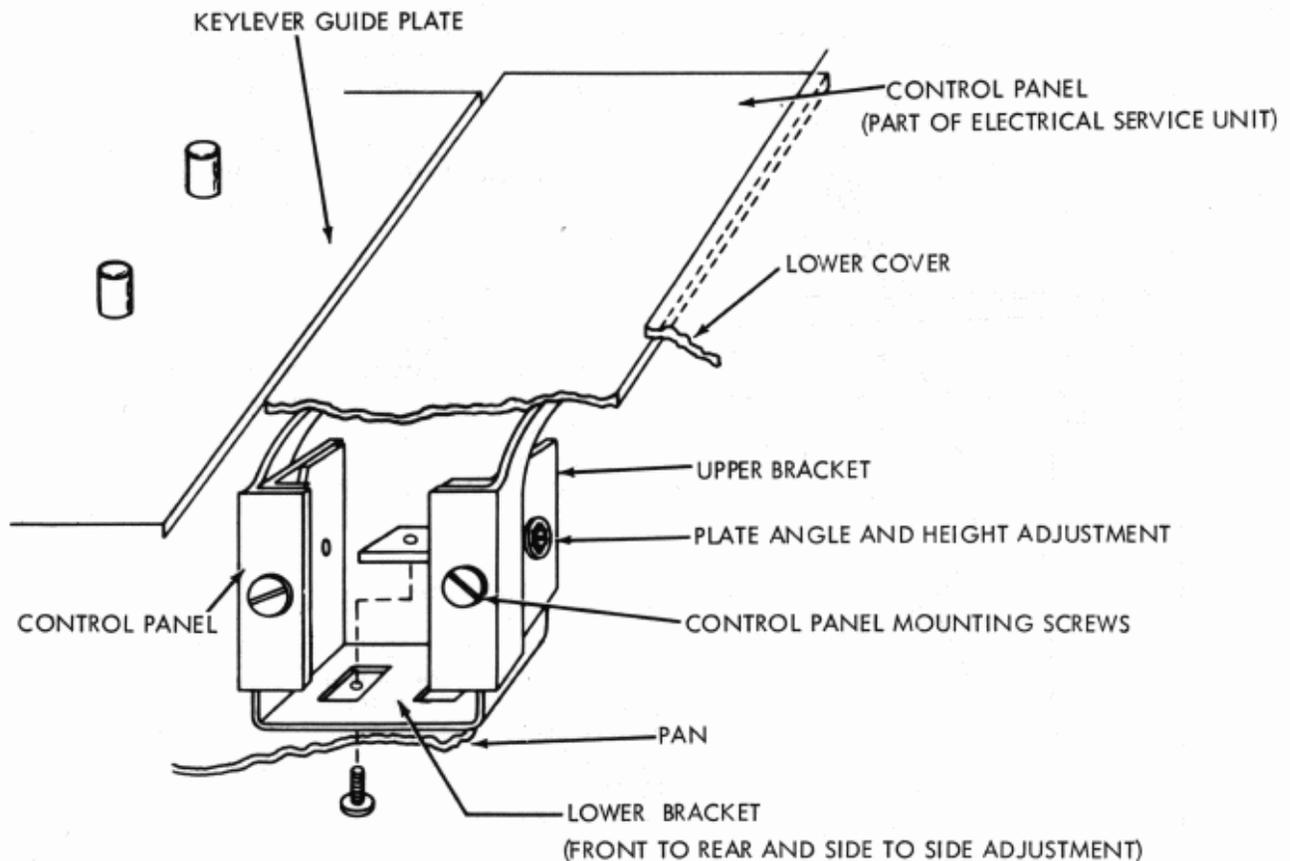
(D) FRONT HEIGHT OF LOWER COVER
REQUIREMENT

LOWER EDGE OF COVER AND TOP EDGE OF KEYLEVER GUIDE PLATE SHOULD BE FLUSH.

TO ADJUST

LOOSEN LOCK NUT ON HEIGHT ADJUSTMENT SCREW. TURN SCREW UNTIL REQUIREMENT IS MET. TIGHTEN LOCK NUT.

2.08 Control Panel

CONTROL PANEL
REQUIREMENT

THE TOPS OF THE CONTROL PANELS SHOULD JUST TOUCH THE UNDER SURFACE OF LOWER COVER. CLEARANCE BETWEEN KEYTOP GUIDE PLATE AND ADJACENT CONTROL PANELS SHOULD BE
 MIN 0.060 INCH
 MAX 0.090 INCH

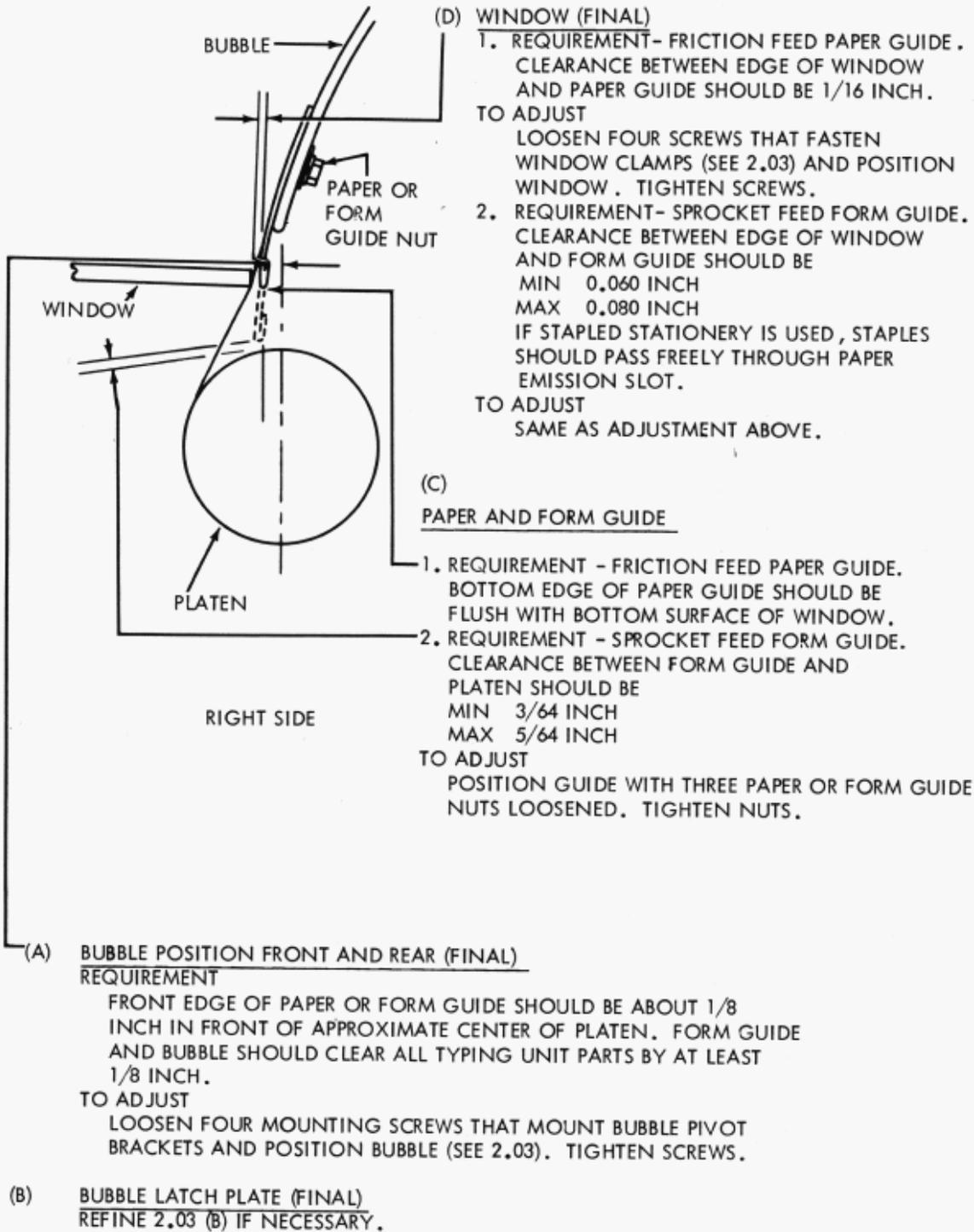
TO ADJUST (EARLIER DESIGN)

LOOSEN LOWER BRACKET MOUNTING SCREWS TO FRICTION TIGHT AND POSITION BRACKETS FROM LEFT TO RIGHT AND FRONT TO REAR. LOOSEN UPPER BRACKET MOUNTING SCREWS AND ADJUST HEIGHT AND ANGLE OF CONTROL PANELS. TIGHTEN SCREWS. MAKE CERTAIN THAT COVER RESTS ON ITS SUPPORT SURFACES AND NOT ON CONTROL PANELS. REFINE CRADLE HEIGHT ADJUSTMENT IF NECESSARY UNTIL TOP OF KEYLEVER GUIDE PLATE IS FLUSH WITH TOP CONTROL PANELS.

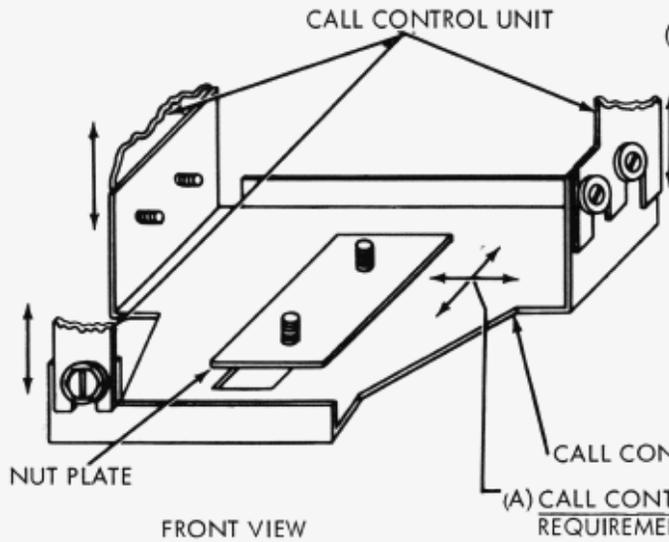
TO ADJUST (LATER DESIGN)

LOOSEN LOWER BRACKET MOUNTING SCREWS TO FRICTION TIGHT AND POSITION BRACKETS FROM LEFT TO RIGHT AND FRONT TO REAR. LOOSEN UPPER BRACKET MOUNTING SCREWS TO FRICTION TIGHT AND RAISE BRACKETS TO UPPERMOST POSITION. LOWER THE COVER TO PUSH CONTROL PANELS DOWN TO PROPER POSITIONS. RAISE COVER AND TIGHTEN MOUNTING SCREWS.

→ 2.09 Paper and Form Guides



2.10 Call Control Unit
Apparatus Mounting Rack



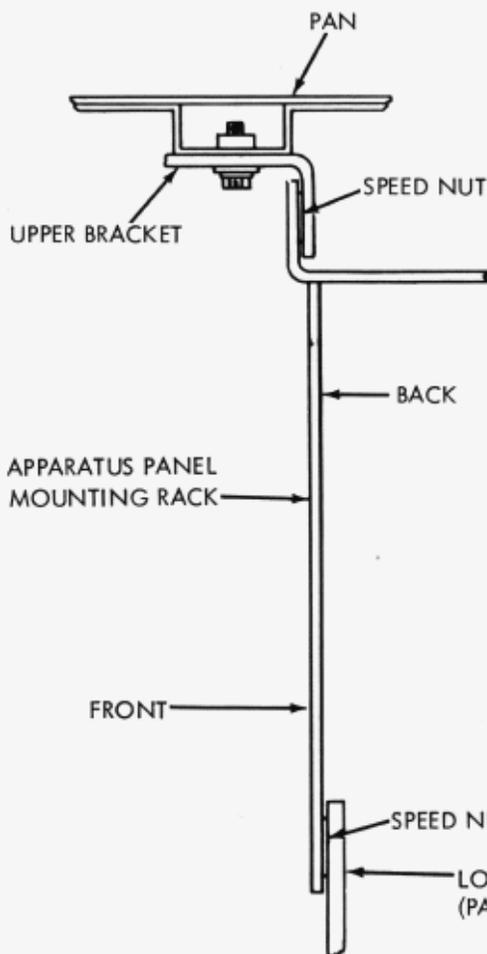
(B) CALL CONTROL UNIT HEIGHT REQUIREMENT
ENLARGED BASES OF SIX PUSH BUTTONS ON CALL CONTROL UNIT SHOULD PROTRUDE AN EQUAL AMOUNT THROUGH BEZEL. CALL CONTROL LIGHTS SHOULD PROTRUDE THROUGH BEZEL EQUAL AMOUNTS.

TO ADJUST
LOOSEN FIVE SCREWS THAT MOUNT FRONT PART OF CALL CONTROL UNIT TO ADJUSTABLE BRACKET ON PAN AND ADJUST HEIGHT OF FRONT PART OF CALL CONTROL UNIT.

(A) CALL CONTROL UNIT MOUNTING BRACKET REQUIREMENT

PUSH BUTTONS AND LIGHTS ON CALL CONTROL UNIT SHOULD BE CENTERED IN THEIR RESPECTIVE OPENINGS IN BEZEL

TO ADJUST
LOOSEN TWO SCREWS THAT FASTEN FRONT CALL CONTROL BRACKET AND POSITION THE BRACKET. TIGHTEN SCREWS.



(C) UPPER APPARATUS MOUNTING RACK BRACKET (FLOOR STANDING CABINETS ONLY) REQUIREMENT

SPEED NUT ON UPPER RACK BRACKET SHOULD TOUCH BACK OF APPARATUS MOUNTING RACKS WHEN BOTTOM OF RACK IS TOUCHING TWO LOWER BRACKETS WITH PEDESTAL AND RACKS RESTING ON FLOOR.

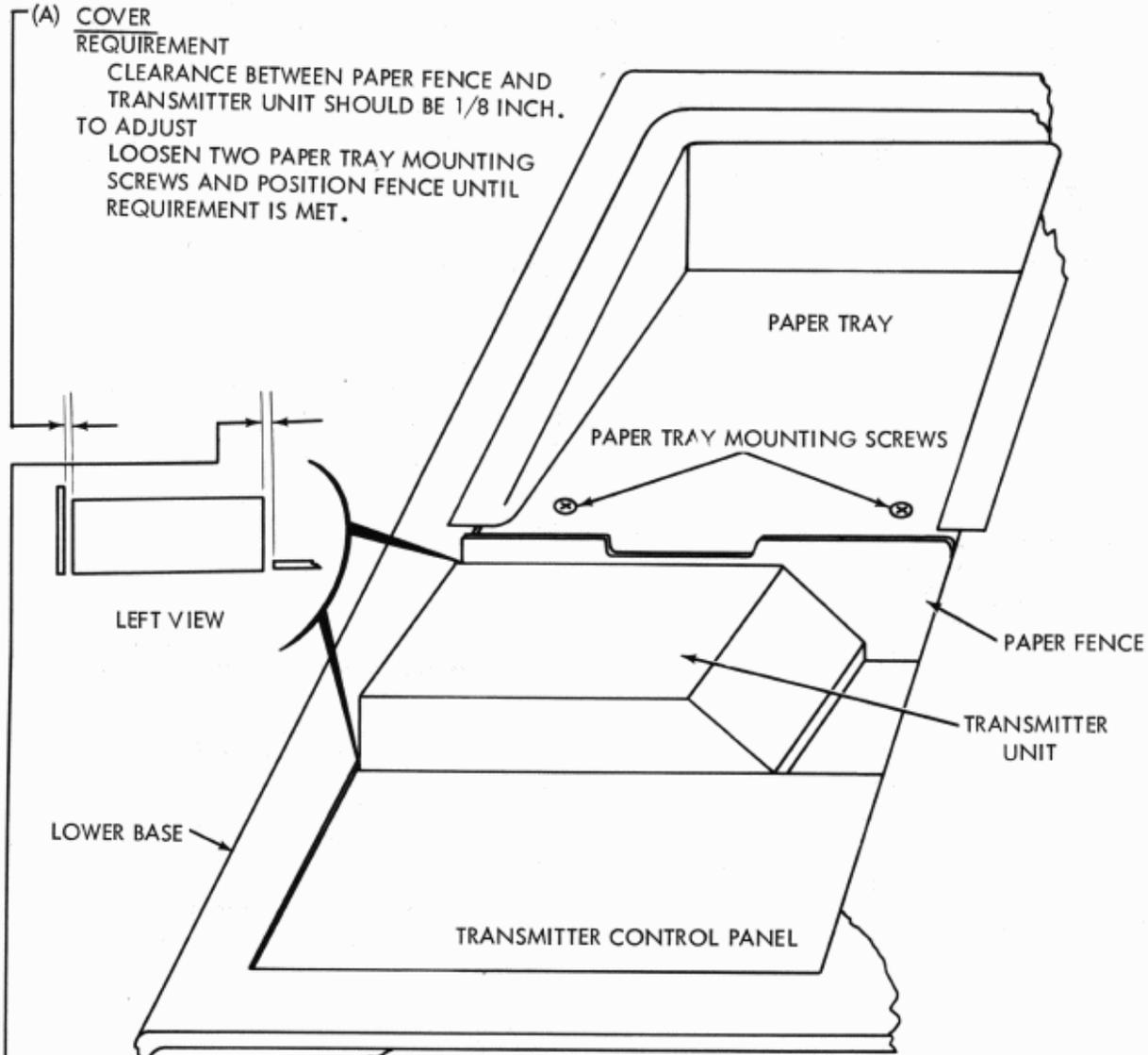
TO ADJUST
LOOSEN BRACKET MOUNTING SCREWS AND POSITION THE BRACKET. TIGHTEN SCREWS.

CLEANING CABINETS

A SOFT DRY CLOTH SHOULD BE USED TO REMOVE DUST, OIL OR GREASE FROM THE CABINET. IF NECESSARY, A SOFT DAMP CLOTH AND MILD SOAP MAY BE USED. RINSE CABINET WITH DAMP CLOTH AND BUFF WITH A DRY CLOTH.

CAUTION: DO NOT USE ALCOHOL, MINERAL SPIRITS OR OTHER SOLVENTS FOR CLEANING THE CABINET.

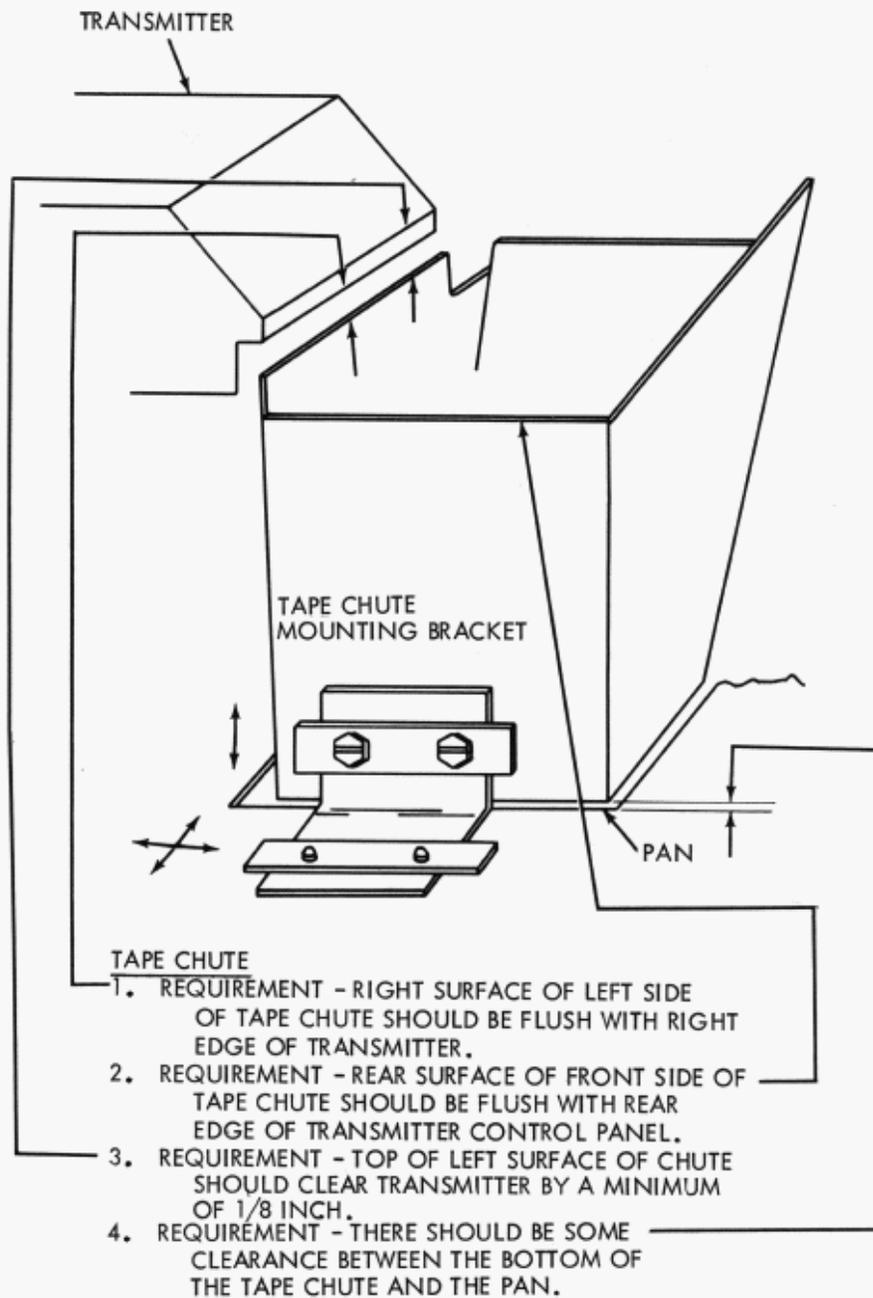
→ 2.11 Transmitter Cover and Control Panel



(A) COVER REQUIREMENT
CLEARANCE BETWEEN PAPER FENCE AND TRANSMITTER UNIT SHOULD BE 1/8 INCH.
TO ADJUST
LOOSEN TWO PAPER TRAY MOUNTING SCREWS AND POSITION FENCE UNTIL REQUIREMENT IS MET.

- (B) TRANSMITTER CONTROL PANEL REQUIREMENTS
1. CLEARANCE BETWEEN TRANSMITTER CONTROL PANEL AND TRANSMITTER UNIT SHOULD BE 1/8 INCH.
 2. THE PANEL SHOULD JUST TOUCH THE UNDER SURFACE OF THE LOWER COVER. THE COVER SHOULD NOT REST ON THE PANEL.
- TO ADJUST
SEE CONTROL PANEL ADJUSTMENT (PARAGRAPH 2.06) FOR INSTRUCTIONS.

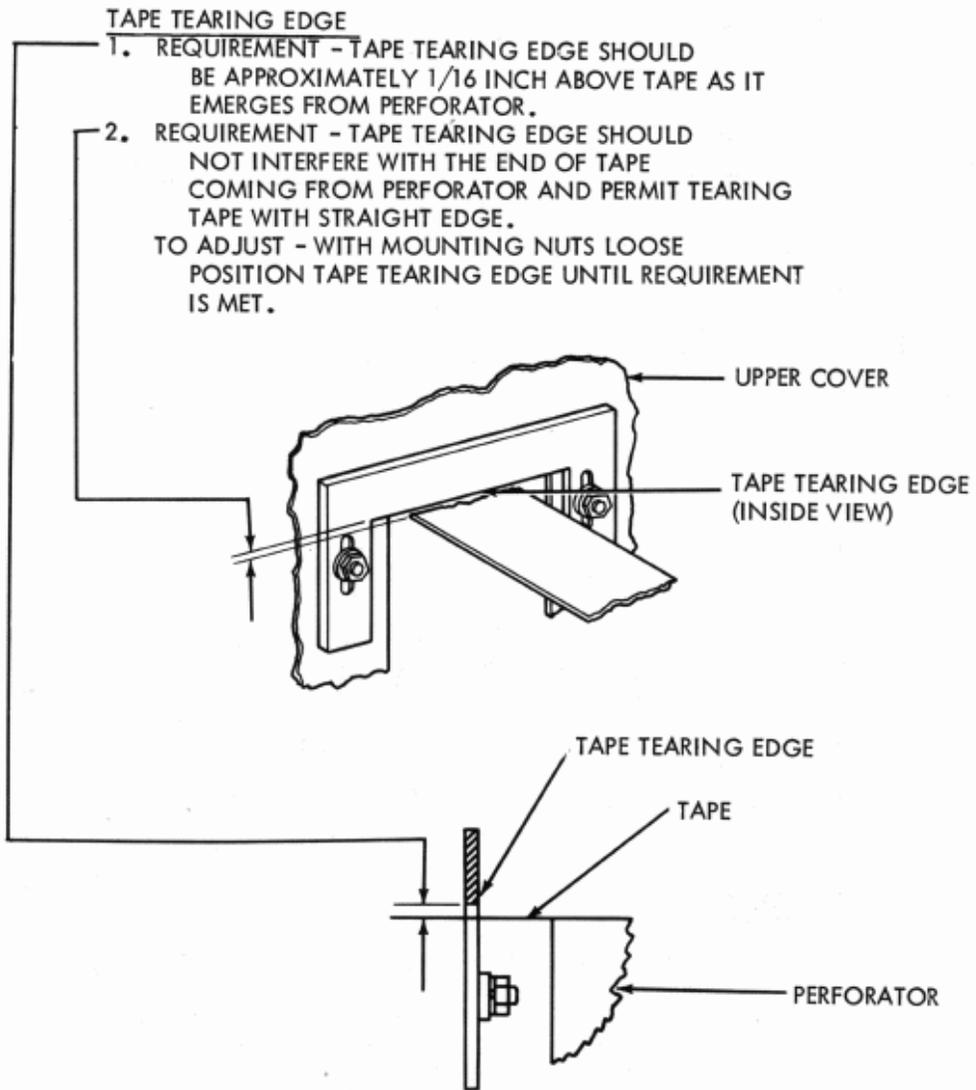
2.12 Tape Chute



TO ADJUST

LOOSEN THE TWO SCREWS WHICH FASTEN THE TAPES CHUTE MOUNTING BRACKET TO THE PAN AND ADJUST HORIZONTALLY. TIGHTEN SCREWS. LOOSEN THE TWO SCREWS WHICH FASTEN THE TAPES CHUTE TO THE BRACKET AND ADJUST VERTICALLY. TIGHTEN SCREWS.

→ 2.13 Tape Tearing Edge



2.14 Lower Cover Latch (Later Design Only)

LOWER COVER LATCH
REQUIREMENTS

1. LATCHING SURFACES SHOULD BE PARALLEL AS JUDGED BY EYE.
2. CLEARANCE BETWEEN LOWER COVER LATCH AND LATCHING SURFACE SHOULD BE
MIN SOME
MAX 0.030 INCH

TO ADJUST

LOOSEN BRACKET MOUNTING SCREWS AND LATCH MOUNTING NUT AND MAKE THEM FRICTION TIGHT. POSITION LATCH AND BRACKET UNTIL REQUIREMENTS ARE MET. TIGHTEN MOUNTING NUT AND MOUNTING SCREWS.

