AL III UPGRADE FROM AL II

1. Install new count generator; shimming may be required to achieve good tape path.

2. Modify photocell terminal strip located under deck plate, directly beneath count generator, to match drawing #1.

3. Install new cable harness into auto locator housing. Plug in auto locator and install in housing.

4. Unplug phase lock loop board and check for 2 IC's (IC1 and IC2) on mother board beneath. If these IC's are present, replace circuit board. You may now plug in the auto locator cables and test the system; installation is complete. If not, continue with step 5.

5. Remove screws securing the panel with the capstan servo programming plug, auto locator plug and remote plug on tape recorder.

6. Locate terminal strip on back of the panel near capstan servo programming plug, remove the transistor from this strip, if present.

7. Mount buffer board (drawing #2) to chassis in back of transport near capstan servo plug. Venting slots in chassis may be used.

8. Connect red/white wire (+15VDC) to Pin 3 of J65 (auto locator plug).

9. Connect blue/white wire (-15VDC) to Pin 1 of J65.

10. Connect gray wire (ground) to Pin 10 of J65.

11. On deck capstan servo programming plug, remove wires from Pins 4 and 7.

12. Connect yellow/white wire from buffer board to Pin 7.

13. Connect orange/white wire to Pin 4.

14. Connect green/white wire to J60 Pin 4 (capstan tach plug from capstan motor), with existing green wire is the same molex pin.

15. For PCA-2500-0600-00 phase lock loop circuit board, connect violet/white wire to J60 Pin 3.

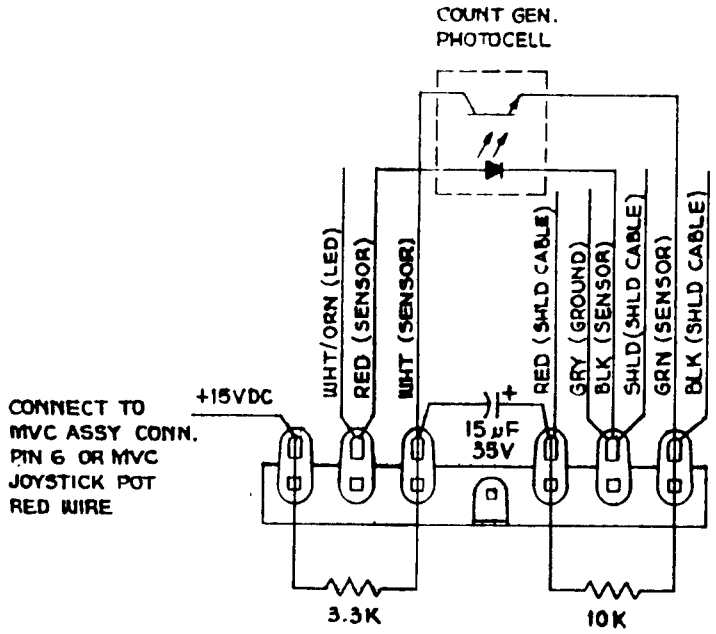
16. For PCA2500-C-0084 phase lock loop, connect violet/white wire to HP-42 Pin 8, located on mother board underneath the phase lock loop circuit board.

17. Re-install phase lock loop and servo plug back panel. Plug in AL III cables and test the system, installation is complete.

PARTS LIST

1	AL III	ASA2500-0612-14
1	AL III Harness	WDA2500-0631-00
1	Count Generator	AS-2500-0623-12
1	Count Generator Base	ASA2500-0049-05
1	Count Generator Cap	MCA2500-0510-11
1	6 Lug Terminal Strip	
1	3.3K ½W 5%	
1	10K ½W 5%	
1	15uf 35V	
2	Molex Pins	08-50-0106

REVISIONS			
LTR	ZONE	DESCRIPTION	APPV'D
A		INITIAL RELEASE. 1.26.82, JARZ.	



DWG 1

MCI FT. LAUDERDALE, FLORIDA

TITLE
WIRING DIAGRAM
PHOTOCELL - TERM. STRIP
A/L III

SCALE:	DO NOT SCALE DRAWING	NEXT DRAWING	RELATED DRAWINGS
NOTE: ALL DIMENSIONS SHALL APPLY AFTER FINISH	MATERIAL:		
	FINISH:		

HOLE TOLERANCES
UNLESS OTHERWISE SPECIFIED ARE AS FOLLOWS

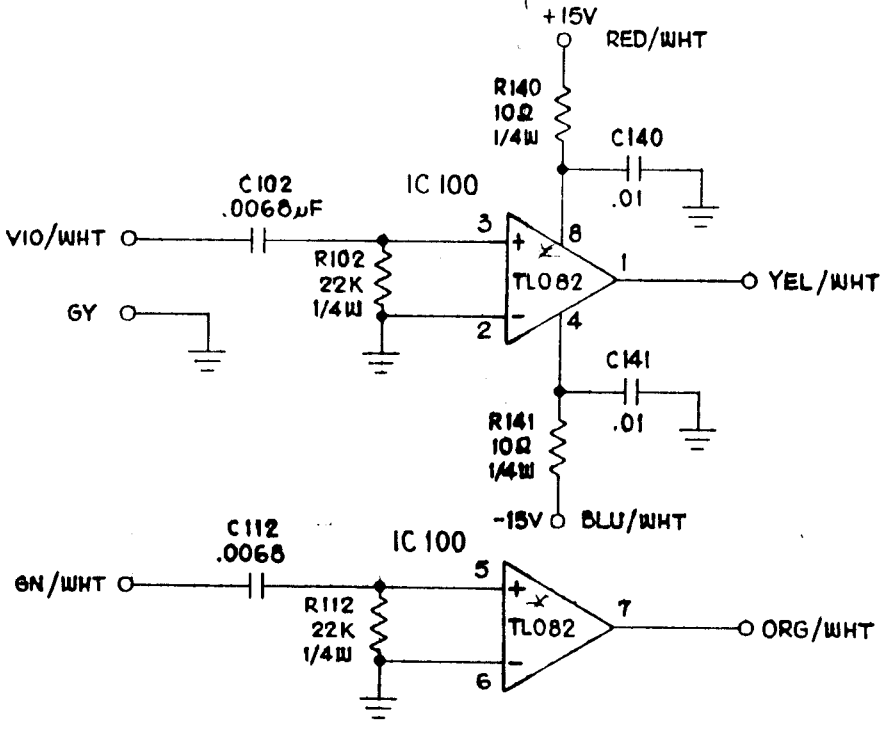
.040 TO .1285	±.002
.136 TO .246	±.003
.250 TO .985	±.005
1.000 TO 3.500	±.010

PARTS ARE TO BE FREE OF BURRS AND SHARP EDGES

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCE ON
2 PLACE DEC. ± 3 PLACE DEC. ±
ALL TOL. NON-CUMULATIVE

DRAWN	1.26.82 JARZ.
CHECKED	
APPROVED	
APPROVED	

DWG. SIZE: B
DRAWING NUMBER: WD6000B0437-00
REV: A
SHEET 1 OF 1



DWG 2

or * TL072

REVISIONS			
LTR.	ZONE	DESCRIPTION	APPVD.
A		INITIAL RELEASE. 1.20.82, JARZ.	Bm°

MCI FT. LAUDERDALE, FLORIDA

TITLE
SCHEMATIC,
BUFFER BD
A/L III RETROFIT

SCALE: DO NOT SCALE DRAWING	NEXT DRAWING	RELATED DRAWINGS	
NOTE: ALL DIMENSIONS SHALL APPLY AFTER FINISH	MATERIAL:		
	FINISH:		
HOLE TOLERANCES UNLESS OTHERWISE SPECIFIED ARE AS FOLLOWS: .040 TO .1285 ±.002; .136 TO .246 ±.003; .290 TO .985 ±.005; 1.000 TO 3.500 ±.010		PARTS ARE TO BE FREE OF BURRS AND SHARP EDGES	DRAWN 1.20.82 JARZ.
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON 2 PLACE DEC. ± 3 PLACE DEC. ± ALL TOL. NON-CUMULATIVE	CHECKED 1-21-82 Bm°
			APPROVED 1-22-82 Bm°
			APPROVED

DWG SIZE	DRAWING NUMBER	REV.
B	SC6000B0436-00	A

SHEET 1 OF 1