

DATE <u>22 January 1965</u>	TMC SPECIFICATION NO. S 914	0
SHEET <u>1</u> OF <u>4</u>		
WMC COMPILED	<i>FE</i> CHECKED	TITLE:
APPROVED <i>RAC</i>	Typed by mtp	

TEST PROCEDURE
for
LEDEX DRIVE ASSEMBLIES

DATE 22 January 1965

SHEET 2 OF 4

TMC SPECIFICATION NO. S 914

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I. EQUIPMENT REQUIRED

1. One LEDEX Test Set.

II. PROCEDURE

1. Connect MC LEDEX Assembly to test set.
 - a. Plug marked MC-RB" (Read Back) on test set cable connects to jack nearest rear of LEDEX Assembly.
 - b. Plug marked "MC SERVO" connects to jack on center of LEDEX Assembly.
 - c. Connect 25-pin Amphenol plug to mating connector.
2. Connect 100 KC LEDEX to test set.
 - a. Plug marked "KC-D" (Drive) on test set cable connects to jack on right side of LEDEX Assembly.
 - b. Plug marked "KC-RB" (Read Back) on test set cable connects to jack on left side of LEDEX Assembly.

NOTE 1: Both cables connect from rear of LEDEX Assembly.

NOTE 2: MC LEDEX 100 KC LEDEX Assemblies MUST BE TESTED TOGETHER.

3. Set MC and KC knobs on test set to Position #1.
4. Set toggle switches marked MC and KC to OFF position.
5. Synchronize MC LEDEX with Shallcross switch.
6. Turn Shallcross switch to position that lights Band #1 indicator on test set.
7. Turn LEDEX to position that lights MC Read Back indicators 1-2-5 on test set.
8. Mesh gears and tighten set screws with LEDEX and Shallcross switch in this position.
9. Turn on Test Set (switch on right side of test set).

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10. Turn on switches marked KC ON/OFF and MC ON/OFF. Continuity light on test set will light. This indicator should remain on through complete test sequence.

11. Rotate MC and KC knobs on test set to positions shown on chart, and observe indicators on test set.

12. Check other LEDEX switches as follows:

- a. Turn off MC switch.
- b. Connect LEDEX - Step 1 in Test Procedure.
- c. Use only columns in chart marked KC and KC INDICATORS.

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MC	KC	MC INDICATORS	KC INDICATORS	SERVO INDICATOR	BAND INDICATOR
1	1	1	2	OFF	--
2	2	1-2-5	3	ON	1
3	3	1-2	4	ON	2
4	4	1-3	2-5	ON	3
5	5	1-2-3	2-3	OFF	3
6	6	1-2-4	3-4	ON	4
7	7	1-2-3-4	2-4-5	OFF	4
8	8	1-2-3-5	2-3-5	ON	5
9	9	1-2-3-4-5	2-3-4	ON	5
10	10	1-3-4	3-4-5	OFF	5
11	11	1-3-4-5	4-5	OFF	5
12	12	1-2-4-5	5	ON	6
13	↓	1-4-5	↓	ON	6
14	↓	1-3-5	↓	OFF	6
15	↓	1-5	↓	OFF	6
16	↓	1-4	↓	ON	7
17	↓	2-5	↓	ON	7
18	↓	2	↓	ON	7
19	↓	3	↓	OFF	7
20	↓	2-3	↓	OFF	7
21	↓	2-4	↓	OFF	7
22	↓	2-3-4	↓	OFF	7
23	↓	2-3-5	↓	OFF	7
24	↓	2-3-4-5	↓	ON	8
25	↓	3-4	↓	ON	8
26	↓	3-4-5	↓	ON	8
27	↓	2-4-5	↓	ON	8
28	↓	4-5	↓	OFF	8
29	↓	3-5	↓	OFF	8
30	↓	5	↓	OFF	8
31	↓	4	↓	OFF	8
32	↓	--	↓	OFF	--
2	1	1-2-5	2	ON	1
2	3	1-2-5	4	ON	1
2	4	1-2-5	2-5	ON	1
2	5	1-2-5	2-3	ON	1
3	1	1-2	2	ON	2
3	2	1-2	3	ON	2
3	4	1-2	2-5	ON	2
3	5	1-2	2-3	ON	2
19	1	3	2	ON	7
19	2	3	3	ON	7
19	3	3	4	ON	7
19	4	3	2-5	ON	7
19	5	3	2-3	ON	7
2	12	1-2-5	5	OFF	1

