

## TECHNICAL MANUAL

### OPERATION AND MAINTENANCE INSTRUCTIONS WITH ILLUSTRATED PARTS BREAKDOWN (ORGANIZATIONAL/INTERMEDIATE)

### RADIO RECEIVER-TRANSMITTER, RT-1446/URC, P/N 10085-0000

(ATOS)

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**LIST OF EFFECTIVE PAGES**

NOTE: The portion of the text affected by the changes is indicated by a vertical line in the outer margins of the page. Changes to illustrations are indicated by miniature pointing hands. Changes to wiring diagrams are indicated by shaded areas.

**Dates of issue for original and changed pages are:**

Original .....	0.....	23 July 1985	Change.....	8.....	8 July 1994
Change.....	1.....	5 January 1989	Change.....	9.....	7 April 1995
Change.....	2.....	23 March 1990	Change.....	10.....	11 January 1999
Change.....	3.....	26 June 1991	Change.....	11.....	1 February 2000
Change.....	4.....	27 March 1992	Change.....	12.....	12 February 2001
Change.....	5.....	10 February 1993			
Change.....	6.....	3 August 1993			
Change.....	7.....	1 April 1994			

TOTAL NUMBER OF PAGES IN THIS PUBLICATION IS 368, CONSISTING OF THE FOLLOWING:

Page No.	*Change No.	Page No.	*Change No.	Page No.	*Change No.
Title .....	12	6-1 .....	2	7-4 - 7-5 .....	5
A - B .....	12	6-2 .....	0	7-6 - 7-7 .....	7
C Blank .....	10	6-3 .....	3	7-8 - 7-10 .....	0
i .....	0	6-4 - 6-5 .....	0	7-11 .....	4
ii .....	2	6-6 - 6-10 .....	4	7-12 .....	0
iii - xv .....	0	6-10A.....	4	7-13 .....	3
1-0 - 1-8 .....	0	6-10B Blank .....	4	7-14 .....	0
1-9 .....	9	6-11 .....	0	7-15 .....	1
1-10 - 1-12 .....	0	6-12 .....	1	7-16 - 7-19 .....	0
1-13 .....	8	6-13 - 6-15 .....	0	7-20 - 7-21 .....	5
1-14 .....	2	6-16 .....	4	7-22 .....	1
1-14A.....	2	6-17 - 6-18 .....	0	7-22A.....	6
1-14B Blank .....	2	6-19 .....	5	7-22B Blank .....	6
1-15 - 1-16 .....	12	6-20 - 6-21 .....	0	8-1 .....	0
2-1 - 2-7 .....	0	6-22 .....	1	8-2 Blank .....	0
2-8 .....	9	6-23 .....	0	FP-1 .....	9
2-9 - 2-18 .....	0	6-24 .....	1	FP-2 Blank .....	9
2-19 - 2-20 .....	2	6-25 .....	4	FP-3 .....	0
3-1 .....	0	6-26 .....	0	FP-4 Blank .....	0
3-2 .....	3	6-27 - 6-28 .....	10	FP-5 .....	0
3-2A.....	1	6-29 - 6-30 .....	0	FP-6 Blank .....	0
3-2B Blank .....	1	6-31 - 6-32 .....	10	FP-7 .....	0
3-3 .....	2	6-33 .....	1	FP-8 Blank .....	0
3-4 - 3-5 .....	0	6-34 - 6-35 .....	0	FP-9 .....	0
3-6 .....	3	6-36 .....	1	FP-10 Blank .....	0
3-7 .....	0	6-37 .....	2	FP-11 .....	0
3-8 Blank .....	0	6-38 .....	0	FP-12 Blank .....	0
4-1 - 4-16 .....	0	6-39 - 6-40 .....	11	FP-13 .....	0
4-16A.....	4	6-41 - 6-42 .....	10	FP-14 Blank .....	0
4-16B Blank .....	4	6-43 .....	3	FP-15 .....	0
4-17 .....	4	6-44 - 6-45 .....	0	FP-16 Blank .....	0
4-18 - 4-22 .....	0	6-46 .....	3	FP-17 .....	0
4-23 .....	1	6-47 - 6-49 .....	0	FP-18 Blank .....	0
4-24 - 4-26 .....	0	6-50 .....	3	FP-19 .....	0
5-1 - 5-3 .....	0	6-51 - 6-54 .....	0	FP-20 Blank .....	0
5-4 .....	1	6-55 .....	3	FP-21 .....	0
5-5 - 5-137 .....	0	6-56 .....	4	FP-22 Blank .....	0
5-138 Blank .....	0	7-1 - 7-3 .....	0	FP-23 .....	0

\*Zero in this column indicates an original page

LIST OF EFFECTIVE PAGES

Page No.	*Change No.	Page No.	*Change No.	Page No.	*Change No.
FP-24 Blank	.....	0			
FP-25	.....	0			
FP-26 Blank	.....	0			
FP-27	.....	0			
FP-28 Blank	.....	0			
FP-29	.....	0			
FP-30 Blank	.....	0			
FP-31	.....	0			
FP-32 Blank	.....	0			
FP-33	.....	0			
FP-34 Blank	.....	0			
FP-35	.....	0			
FP-36 Blank	.....	0			
FP-37	.....	0			
FP-38 Blank	.....	0			
FP-39	.....	0			
FP-40 Blank	.....	0			
FP-41	.....	0			
FP-42 Blank	.....	0			
FP-43	.....	0			
FP-44 Blank	.....	0			
FP-45	.....	0			
FP-46 Blank	.....	0			
FP-47	.....	0			
FP-48 Blank	.....	0			
FP-49	.....	0			
FP-50 Blank	.....	0			

\*Zero in this column indicates an original page



Table 1-5. Optional Equipment (Continued)

Qty	Item	Description
1	Radio Frequency Amplifier (1000 watts) (RF-353) AM-7224/URC	Companion equipment used only when it is desired to increase the output transmission level of the 100 Watt Transceiver from 100 watts to 1000 watts. Unit is compatible with the 100 Watt Transceiver, and the 1000 watt antenna coupler.
1	Power Supply (RF-354) PP-7913/URC	Supplied with 1 KW LPA.
	Remote Control Unit (RF-352) C-11329/URC	Companion equipment used when it is desired to operate the 100 Watt Transceiver from a remote location.
	AFSK Option 10085-6000	Allows communication via teletype over a two-way radio link.
1	Transport Case CY-8358/URC	Allows convenient packing method for movement of equipment.
1	Power Cable, DC 10085-0064	For connecting to a DC primary power source.

Table 1-6. Related Publications

Title	Publication No.
100/500 Watt Antenna Coupler, CU-2310/URC On-Equipment Manual Depot Manual Work Cards	TO 31RS-2URC-111 TO 31R2-2URC-113 TO 31R2-2URC-116WC-1
Receiver-Transmitter, Radio, RT-1446/URC On-Equipment Manual Depot Manual Work Cards	TO 31R2-2URC-81 TO 31R2-2URC-83 TO 31R2-2URC-86WC-1
Amplifier, Radio Frequency, AM-7223/URC On-Equipment Manual Depot Manual Work Cards	TO 31R2-2URC-101 TO 31R2-2URC-103 TO 31R2-2URC-106WC-1
Power Supply, PP-7913/URC On-Equipment Manual Depot Manual Work Cards	TO 35C1-2-892-1 TO 35C1-2-892-3 TO 35C1-2-892-6WC-1
Amplifier, Radio Frequency, AM-7224/URC On-Equipment Manual Depot Manual Work Cards	TO 31R2-2URC-121 TO 31R2-2URC-123 TO 35C1-2-892-6WC-1
Remote Control Unit, C-11329/URC On-Equipment Manual Depot Manual Work Cards	TO 31R2-2URC-91 TO 31R2-2URC-93 TO 31R2-2URC-96WC-1
1KW Antenna Coupler Group, AN/URA-38A RF601 DR-525	TO 31R2-2URA38-1 TO 31R2-2TSC38-82 TO 31S1-4-228-1