DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

OPERATION OF LS-671 LOUDSPEAKER WITH SINCGARS RADIO SETS

Headquarters, Department of the Army, Washington, DC

1 APRIL 1993

REPORTING OF ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this technical bulletin. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and blank forms), direct to: Commander, U.S. Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-LC-LM-LT, Fort Monmouth, New Jersey 07703-5007. A reply will be furnished direct to you.

1. Purpose. This technical bulletin provides the information and procedcures for operating the Loudspeaker-control unit, LS-671/VRC, with RT-B of a dual SINGARS family radio set configuration with RT-A, bottom RT, in operation with the AN/VIC-1 intercommunications system.

2. References

PUBLICATION NUMBER	DATE	TITLE
TM 11-5820-890-10-1	1 September 1992	SINCGARS ICOM Ground Combat Net Radio
TM 11-5820-890-10-3	1 September 1992	SINCGARS NON-ICOM Ground Combat Net Radio

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3. LS--671 Installation/Operation.

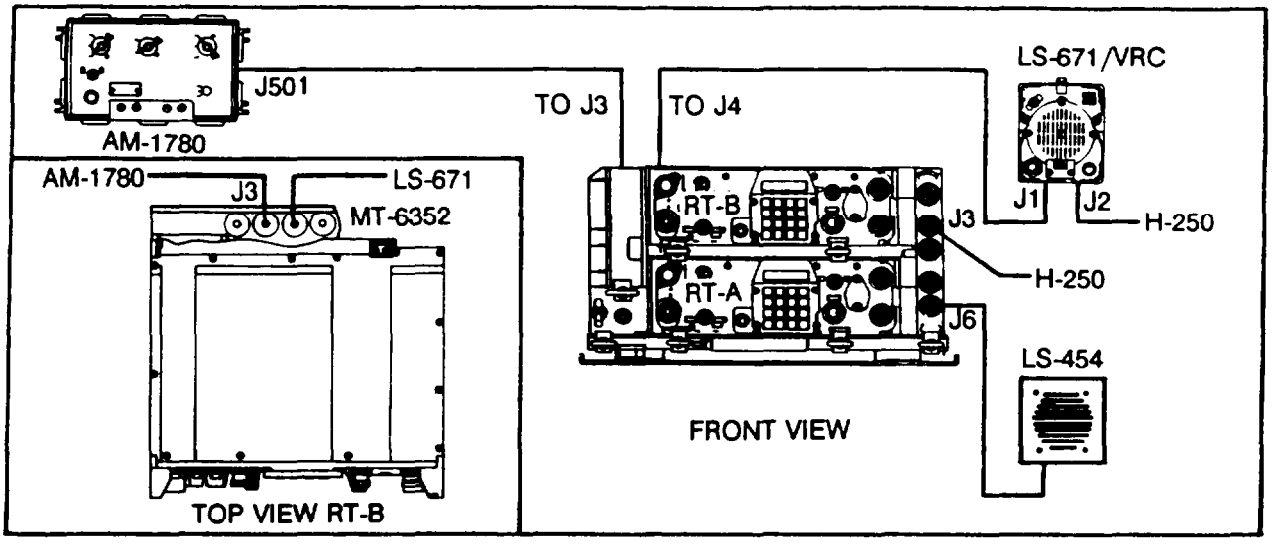

Figure 1. LS-671 Cabling to Dual Radio Set

a. Ensure that SINCGARS radio set is properly mounted and that cabling is in accordance with applicable operator technical manual and that pre-mission check for the radio set is performed.

b. Cabling Instructions:

(1) Connect cables from J501 connector on AM-1780/VRC to J3 connector on the mounting adapter, MT-6352. This connects RT-A to the AN/VIC-1 system.

(2) Connect cable (CX-13292) from J1 connector on LS-671 to J4 connector on the mounting adapter, MT-6352 to use LS-671 with RT-B.

(3) Connect handset, H-250, to J2 connector on LS-671 to use with RT-B.

(4) Connect LS-454 to J6 connector on amplifier adapter, AM-7239, for use with RT-A

(5) Conned handset, H-250, to J3 connector on amplifier adapter, AM-7239, for use with RT-A

c. Switch Setting and Operations:

(1) Turn the LS-671 power function switch to the on position and the volume control knob to the mid-range position.

(2) Turn the volume control knob on RT-B to the minimum position (turn fully counter-clockwise).

(3) Turn the volume control knob of RT-A to the mid-range position.

(4) Place CB1 switch on the AM-7239 to the on position.