

***TB 11-6625-821-35**

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

CALIBRATION PROCEDURE FOR DIRECTION FINDER SET TEST SET AN/ARM-93 NSN 6625-00-999-6081

Headquarters, Department of the Army, Washington, DC
9 August 1973

◆ REPORTING OF ERRORS ◆

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*This bulletin supersedes TB 11-6625-821-35/1, 4 August 1969.

SECTION I GENERAL

1. Purpose and Scope

a. This bulletin provides information for the periodic calibration of Direction Finder Set Test Set AN/ARM-93 for use by calibration personnel. Since calibration personnel are trained and qualified in the use of calibration test and measuring equipment, detailed instructions concerning the operation and use of the equipment are not contained in this bulletin.

b. This bulletin contains illustrations that locate all controls and components utilized in this calibration procedure as well as diagrams showing equipment setups. Equipment ground connections are not necessarily shown in the diagrams.

2. Deleted. See front page.

3. Description. Direction Finder Set Test Set AN/ARM-93 contains Direction Finder Control C-6899/ARN-83, Static Power Inverter CV-2128/ARN-83 (fig 3), and all interconnections required to test Radio Receiving Set AN/ARN-83. Additional data is listed in **a** through **c** below.

a. Identification

Nomenclature	Direction Finder Set Test Set AN/ARM-93
Federal Stock No.	6625-999-6081
Line item No	V73847
Size	13 ¹ / ₂ x 15 ¹⁵ / ₁₆ x 15 ³ / ₈ in
Weight	20 ¹ / ₄ lb
Reference	TM 11-6625-821-12 and TM 11-6625-821-45

b. Specifications

Inverter output	26 ±0.5 volts, 400 ±40 cps
LOOP SIMULATOR	
electrical zero	Occurs when needle set to N (0 degree)
BEARING INDICATOR	
electrical zero	Occurs when needle set to N (0 degree)
Direction Finder Control C-6899/ARN-83:	
between 1400 and -	
1500 kc	BEARING 239 ±1.0 degrees
1700 kc	BEARING 203 ±1.0 degrees
850 kc	BEARING 343 ±1.0 degrees

c. Calibration Description

Time required for calibration	2 hours (approx.)
Calibration level	Maintenance
Calibration interval	In accordance with TB 43-180