

Test Equipment AN/AIM-1 is a Class A special test equipment designed to test installations of Interphone Equipment AN/AIA-1 and AN/AIA-1A in glider, tow plane and tow rope. It consists of Test Set TS-161/AI, Test Set TS-162/AI, Test Set TS-163/AI and Carrying Case CY-112/AIM-1.

Test Set TS-161/AI is a portable test set employed as a visual indicating device for checking the continuity of the conductors on a tow rope prior to attachment to glider and tow plane.

Test Set TS-162/AI is a portable test set for checking the wiring and operation of the glider components installed in gliders.

Test Set TS-163/AI is a portable test set for checking the wiring and operation of the two plane com-

ponents installed in a tow plane.

Carrying Case CY-112/AIM-1 has a removable lid with carrying handle, and fasteners on two sides. It is used to carry Test Sets TS-161/AI, TS-162/AI and TS-163/AI.

No test equipment is required for maintenance. There were no Army Supply Program requirements as of 30 November 1944.

POWER INPUT	BATTERIES TS-161/AI-2-BA-30, TS-162/AI-2-BA-30.
FREQUENCY	AUDIO FREQUENCIES
TYPE OF SIGNAL	VOICE



Carrying Case CY-112/AIM-1



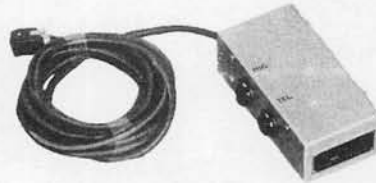
Test Set TS-161/AI



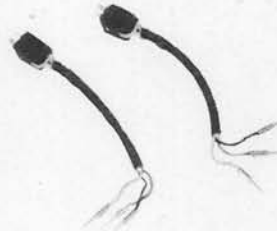
Adapter U-14/AI



Test Rod M-143/AI



Test Set TS-162/AI



Cord CX-151/AI



Test Set TS-163/AI

TEST EQUIPMENT AN/AIM-1

TOTAL WEIGHT 8 LBS.

Component	Nomenclature	Size	Weight
TEST SET TS-161/AI			
Test Set	TS-161/AI	6" x 4" x 2"	1 Lb.
Adapter	U-14/AI		*
Test Rod	MX-143/AI		*
and includes batteries*, pilot light and plug.			
TEST SET TS-162/AI			
Test Set	TS-162/AI	6" x 4" x 2" Length 5 inches	1 Lb.
Cord	CX-151/AI		*
and includes batteries*, jacks, transformer, cordage and plug.			
TEST SET TS-163/AI			
Test Set	TS-163/AI	3" x 4" x 2" 5"	*
Cord	CX-151/AI		*
and includes jacks, cordage and plug.			
Carrying Case	CY-112/AIM-1	8" x 7" x 6"	4 Lbs.

*Batteries not furnished

*Less than one pound