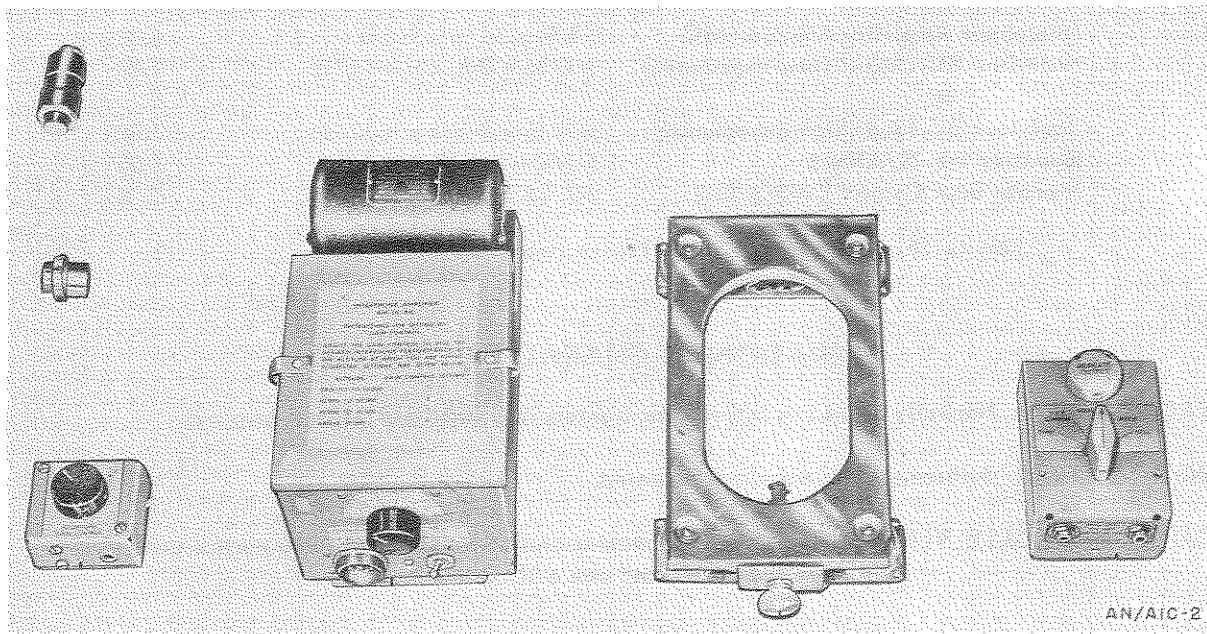


STATUS: Limited Standard
CLASSIFICATION OF EQUIPMENT: Unclassified
USING SERVICE: Air Force
DATE OF THIS SHEET: 12 May 52

AN/AIC-2

INTERPHONE EQUIPMENT



Interphone Equipment AN/AIC-2 provides aircraft with intraplane and interplane communication. Interphone Amplifiers AM-26/AIC (manually operated gain control) and AM-26A/AIC (automatic gain control) provide power output levels adequate for operating a maximum of 15 stations at altitudes up to 40,000 feet.

All stations are provided with control of five circuits as follows: compass, v-h-f liaison, command, interphone, and call.

The stations are placed for convenient operation at stations of the radio operator, the pilot, copilot, observer, and any other members of the crew requiring communication facilities.

There are two types of stations available: Jack Box BC-1366 for high-impedance circuits and Jack Box BC-1366-M for low-impedance circuits.

This equipment is lightweight and requires less than a 50-w input during operation.

AN/AIC-2

INSTRUCTION LITERATURE:
TO AN/16-30AIC2-3
CLASSIFICATION OF EQUIPMENT: Unclassified
USING SERVICE : Air Force
DATE OF THIS SHEET: 12 May 52

INTERPHONE EQUIPMENT**MAJOR COMPONENTS**

QUANT	NAME OF COMPONENT	DIMENSIONS (IN)	INSTALLED	WEIGHT (LBS)
1	Interphone Amplifier AM-26A/AIC	5-1/8 x 5-1/4 x 9-3/4		6.80
*	Jack Box BC-1366-M (low impedance)	3-1/16 x 3-1/4 x 4-11/16		1.00
	or			
*	Jack Box BC-1366 (high impedance)	3-1/16 x 3-1/4 x 4-11/16		1.00
1	Mounting MT-28/ARN-5	1-1/4 x 6 x 11-3/4		1.20
1	Remote Gain Control C-97/AIC-2	2-1/16 x 2-1/2 x 2-3/4		0.30

* One to 15, depending on installation requirements.

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Normally issued to interceptor fighters and light and medium bombers.

INSTALLATION: Airborne, standard shock mounted.

CAN COMMUNICATE WITH: A maximum of 15 master station units which have partial control of three radio sets and one additional receiver.

TECHNICAL CHARACTERISTICS

FACILITIES AFFORDED: Operation of 15 stations (maximum) each of which is capable of selecting compass, v-h-f liaison, command, interphone, and call circuits.

TYPE CONTROLS: Each station has a manual volume control and a five-position rotary switch for selection of any circuit from the following: compass, v-h-f liaison, command, interphone, and call. AM-26A/AIC has automatic gain control; AM-26/AIC uses local manual gain control or Remote Gain Control C-97/AIC-2. The system is operated by a push-to-talk control located on the microphones.

POWER OUTPUT: 4 w into a 250-ohm load with 6% distortion.

POWER REQUIREMENTS: 47.6 w (maximum), 24/28 v, (1.7 amp), dc.

PHYSICAL CHARACTERISTICS

The components of Interphone Equipment AN/AIC-2 are normally installed where needed in the aircraft. For space and weight requirements, see dimensions and weight of major components.