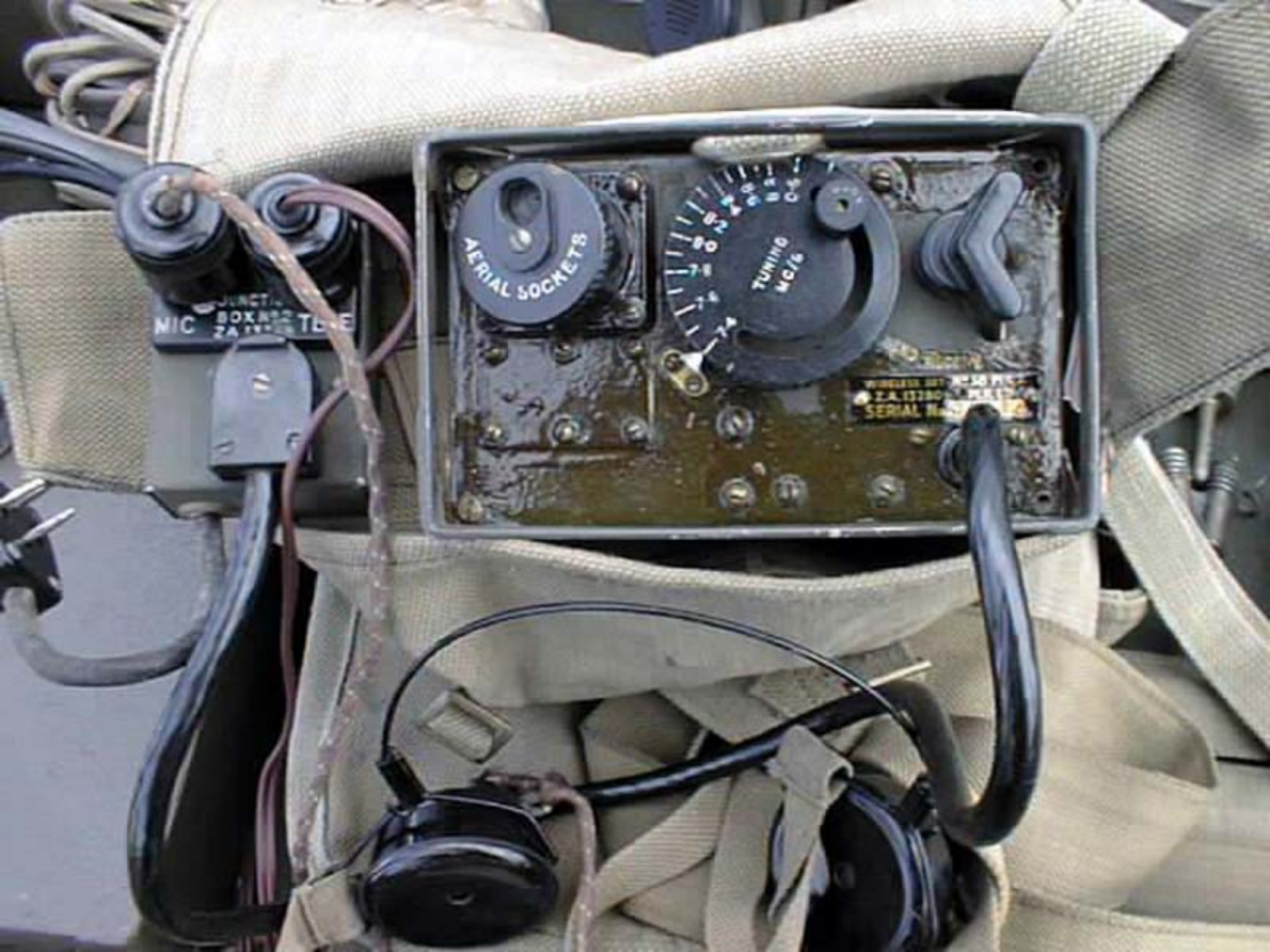






JUNCTION
BOX NO. 2
NIC 2A 1945 TEL E

AERIAL SOCKETS

TUNING
MC/s

WIRELESS SET
P.A. 13280
SERIAL No. 13280



BLOCAGE
CADRAM

ARRÊT

ACCORD

APPUYEZ
POUR
CENSOINAGE

ARRÊT

PUISSANCE

MICRO SCOUTER

REMARQUE: L'APPAREIL
NE DOIT ÊTRE UTILISÉ
QUE EN CAS D'URGENCE
ET EN ABSENCE DE
RISQUE D'INCENDIE

CAUTION: HOT































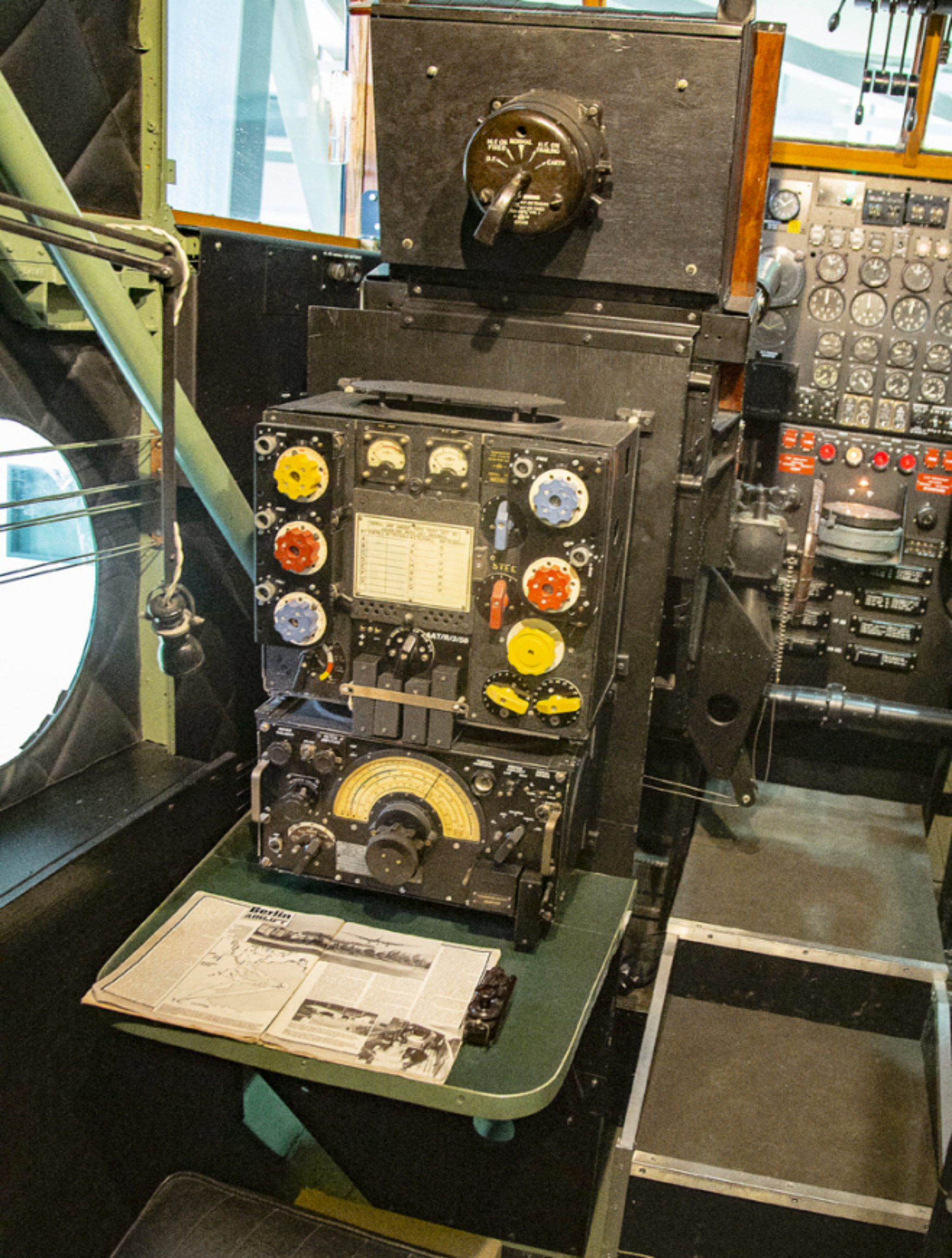




Model 100
Serial 100
100-100

Model 100
Serial 100
100-100

























FR

Radio-opérateur

La place du navigateur est à l'avant de la Lancaster. Il est équipé de 2 émetteurs et 2 récepteurs. Le chef du direction du vol pour les opérations de bombardement est à l'arrière. L'ensemble d'est: un gilet de survie. Ils attachent leurs parachutes. En cas de crise ils peuvent facilement les déverrouiller. L'ingénieur de vol contrôle l'huile, l'eau et le gaz pour les moteurs. Il a besoin des boussoles variées: "display" et le "Fishpond", en plus d'utiliser un sextant (un graph...

NL

Radio-ops

De radiokamer van de Lancaster is de positie van de navigator. Het is uitgerust met twee zenders & twee ontvangers. Het kan de vluchtleider in contact houden met andere vliegtuigen. De bemanning is uitgerust in zowel in de lucht als op de grond. Bij noodsituaties het vliegtuig kan worden afgevoerd. De vluchtingenieur controleert de olie en water alsook de toestand van de 4 motoren operationeel. Hij heeft diverse kompassen. Zij gebruiken displays en de Fishpond voor gebruik van een sextant.

ENG

Radio operator

The Lancaster Bomber's radio operator. This "room" is equipped with T1154-R1155. That way the navigator can communicate with the ground stations and the pilots. They are equipped with survival gear. They fasten their parachutes in an emergency. The flight engineer serves as a protection in case of an air attack. The flight engineer is responsible for managing the fuel supply of fuel from the tanks. The H2S-panel is equipped with the Gee displays and the Fishpond. The navigator would use a sextant.

MAG. FEED

A. E. AMPS



TRANSMITTER
TYPE T-1154-N
REF. NO 100/1588

SERIAL NO

713375

FREE

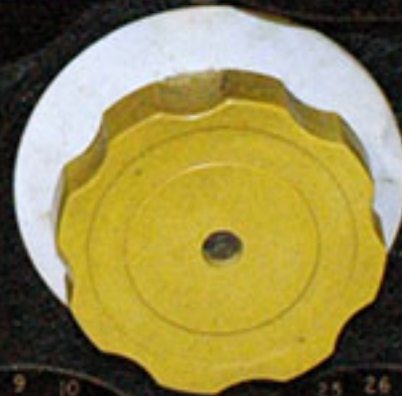


AERIAL AND ANODE TAPS MUST NOT BE ADJUSTED WITH KEY PRESSED.

16.7 TO 8.7 Mc's 8.7 TO 4.5 Mc's 4.5 TO 2.5 Mc's 500 TO 200 Kc's

A		J		S
B		K		T
C		L		U
D		M		V
E		N		W
F		P		X
G		Q		Y

100/2326









SET ZERO



COUPLING



KC/S
4000
1500



RANGE
SWITCH



CHECK

WAVEMETERS CLASS D №1 MxII
CATALOGUE № ZA 17469
№ 6040



SUPPLY 6V DC



OFF



ON



PHONES



WIRELESS SET NO 12
SENDER.

SERIAL No. 19

4 5 6 7
3 2 1 10
R/T MOD. CONTROL.

OSCILLATOR RANGE.

2

3 CRYSTAL TUNING.

OSCILLATOR RANGE.

1 2 3 4

BUFFER TUNING			
1	2	3	4
16	10.5	9.5	24.15
17	10	9	24.14
18	9	8.5	24.13
15	8	7.5	24.12
14	7	6.5	24.11
13	6	5.5	24.10
12	5.5	5	24.09
11	5	4.5	24.08
10	4.5	4	24.07

CRYSTAL M.D. CW NCW

TUNE

LINE KEY MIC

RT

WAVEMETER

RANGE CURRENT.

BUFFER RANGE.

3

1 2 3 4
BUFFER TUNING. POWER SUPPLY.

WAVEMETER			
1	2	3	4
16	10.5	9.5	24.15
17	10	9	24.14
18	9	8.5	24.13
15	8	7.5	24.12
14	7	6.5	24.11
13	6	5.5	24.10
12	5.5	5	24.09
11	5	4.5	24.08
10	4.5	4	24.07

LOCAL REMOTE SUPPLY SWITCH NORMAL

POWER SUPPLY.

ON BIAS ON

REC'D MUTING & S.T.

REC'D AE

AERIAL COUPLING.

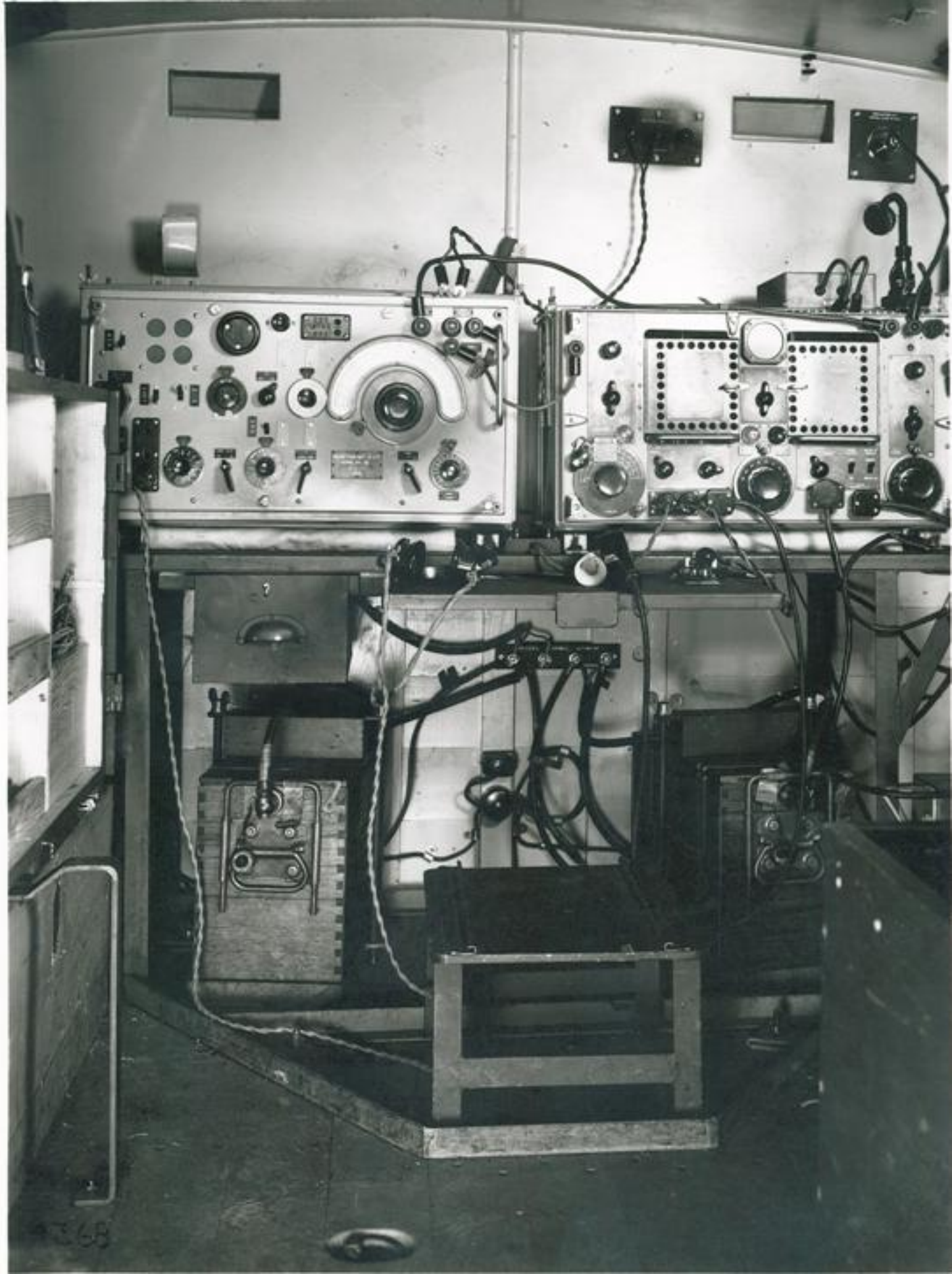
R.A. RANGE.

R.A. TUNING.



Above: Sgt. Chenery—8th Battalion—Wounded but still carrying on.

Reception Set Type R.107 and Wireless Set No.12
Mounted in vehicle.





















WIRELESS SET No. 38, Mk. I (ZA. II305), Mk. II (ZA. I3280) and Mk. II* (ZA. I3280) DATA SUMMARY

PURPOSE

Light weight infantry pack set, for short-range R/T communication.

DESCRIPTION

Four-valve superhet receiver, comprising one R.F. stage, separate local oscillator, mixer and I.F./A.F. reflex amplifier, with one metal rectifier for detection and A.V.C. Sender master oscillator is local oscillator switched over and acting as frequency doubler, followed by power amplifier. Throat microphones drive reflex amplifier switched to modulate power amplifier. Set is housed in steel case; Mk. I carries dry battery in case; Mk. II and Mk. II* carry it in separate haversack. The Wireless Set No. 38, Mk. I is now obsolete.

PHYSICAL DATA

	Mk. I	Mks. II and II*	Battery
Weight :	7 lb.	6 $\frac{1}{4}$ lb.	6 lb.
Length :	13 in.	9 in.	6 $\frac{1}{2}$ in.
Width :	7 in.	6 $\frac{1}{2}$ in.	6 $\frac{1}{2}$ in.
Height :	7 in.	4 in.	3 in.

FREQUENCY

Coverage : 7.3 Mc/s to 8.9 Mc/s.
Internal : I.F. 285 kc/s

PERFORMANCE

Range : 4 ft. rod, $\frac{3}{4}$ mile ; 12 ft. rod, 2 miles.
Sender output : 0.2 W.
Receiver sensitivity : 35 μ V for 0.5 mW output.
Receiver selectivity : 30 db. attenuation at $\pm$ 19 kc/s

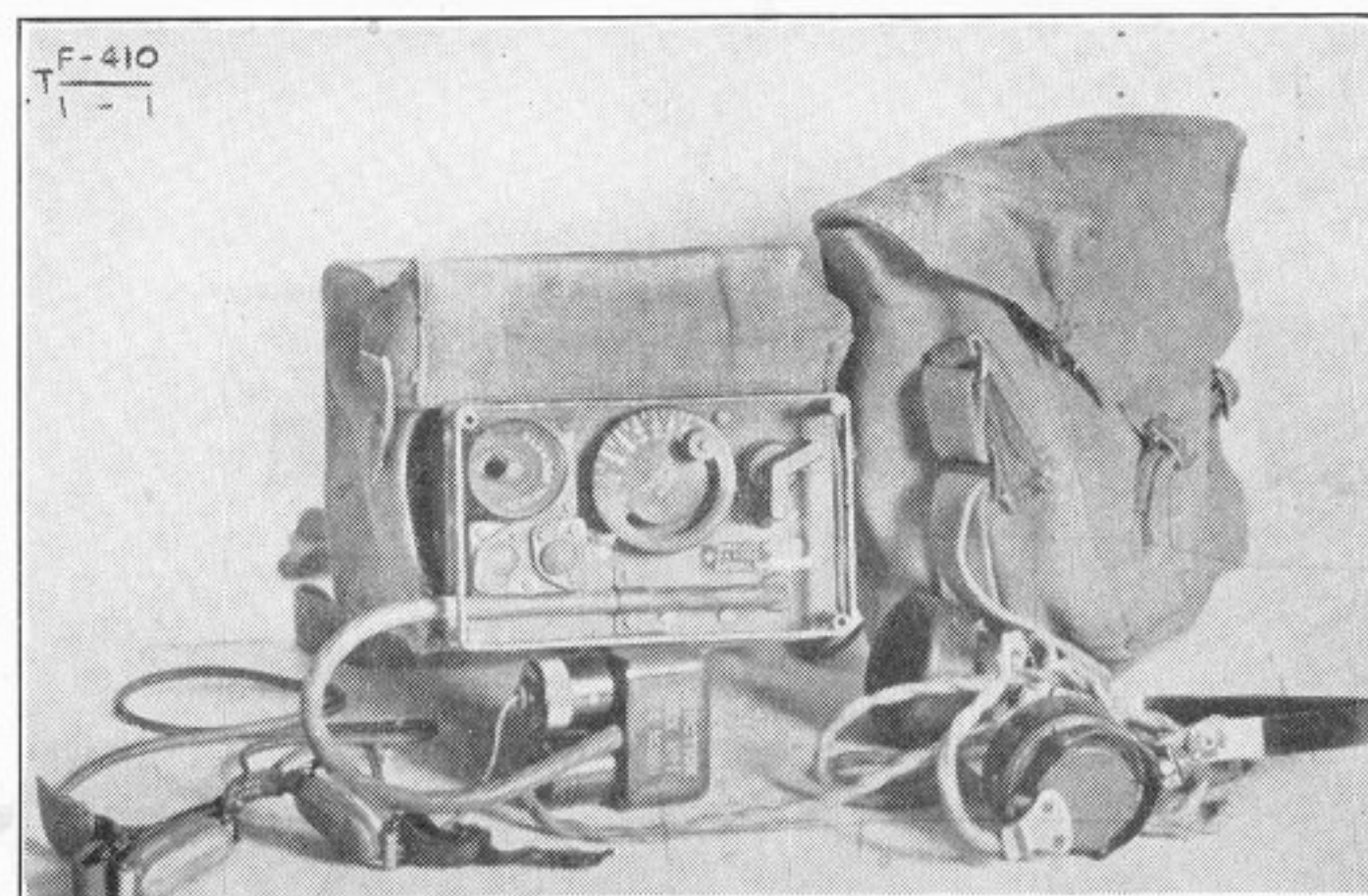


Fig. I—General view of complete equipment





Compass
The A.1. compass is used to determine the direction of travel.

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Above: Sgt. Chenery—8th Battalion—Wounded but still carrying on.