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I.A.P. 1503-A

(Old A.P. 830 Vol. III Part 'A' Scales)

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C.G.D.A. NEW DELHI

Equipment Regulations for the Indian Air Force

SCALES OF TECHNICAL EQUIPMENT

(Issued incorporating A. L. 1—77)

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EQUIPMENT REGULATIONS FOR THE INDIAN AIR FORCE

SCALES OF TECHNICAL EQUIPMENT

(Issued incorporating A. L. 1—77)

600

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CONTENTS

MEMORANDUM OF INSTRUCTIONS

REGISTER OF AMENDMENTS

SCALES

MEMORANDUM OF INSTRUCTIONS

This book contains the following scales :—

I. A. P. 1503A—A-1 (Issue No. 3)	Scale of Photographic Equipment and accessories for Wing Headquarters Section working for one or more Squadrons and various units.
A-2	Scale of Equipment for Radar Test Gear field and workshop Power Supplies.
A-3	Scale of Equipment for Standard Rooms in Maintenance Units, Service Repair Depots and D.A.I.S. Equipment.
A-4	Scale of Anti Gas Equipment for Personnel and Gas De-contamination Buildings.
A-5	Scale—Trademen's tool kit.
A-6	Scale—Tool Kits—Flight and Section.
A-7	Scale of Equipment for Washerman.
A-8	Scale of Tool Kit for Flight and Section Lock-up.
A-9	Scale of Tool Kit for Instrument Section Lock-up.
A-10	Scale of Tool Kit for Safety Equipment Lock-up.
A-11	Scale of Tool Kit for Workshop Lock-up.
A-12	Scale of Tool Kit for Electrical Section Lock-up.
A-13	Scale of Tool Kits for Armoury Lock-up.

2. Scales in this book are to be kept up-to-date by means of periodical amendments; incorporation of each amendment is to be certified.

3. Every scale in this book is also provided with a separate sheet for recording the amendments.

4. Instructions contained in "Memorandum of Instruction" of the scales should be strictly followed.

REGISTER OF AMENDMENTS

The amendments promulgated in the undermentioned amendment list have been incorporated in this publication.

Amendment List		Part to which it pertains	Amendment made by	Signature	Date
No.	Date				

I. A. P. 1503-A

Scale A-1

(Issue No. 3)

(Old A.P. 830 Vol. III Part 'A' Scale A-1)

SCALE OF PHOTOGRAPHIC PROCESSING EQUIPMENT AND ACCESSORIES

FOR

WING HEADQUARTERS SECTION WORKING FOR ONE OR MORE SQUADRONS

AND

VARIOUS UNITS

(Promulgated for information, guidance and necessary action)

MEMORANDUM OF INSTRUCTIONS

1. This scale is issued to provide a guide to the Technical Equipment to be held by a Wing Headquarters section working for one or more squadrons and various units and constitutes authority for demanding and holding all items shown therein. However if, at any time it is found that the quantities shown in scales are in excess of present or anticipated future requirements, they are to be demanded or, if they become surplus are to be returned.

2. This issue supersedes Part 'A' Scale A-1 (Issue No. 2).

3. Any suggestions for amendment to this scale should be forwarded to Directorate of Operations (Photo-3) Air Headquarters, New Delhi, through normal channels.

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MEMORANDUM OF INSRUCTIONS
AMENDMENT CERTIFICATE
SCALE OF EQUIPMENT

AMENDMENTS CERTIFICATE

The amendments promulgated in the undermentioned amendment list have been incorporated in this publication.

Amendment Lists		Amendment made by	Date
No.	Date		

SCALE OF PHOTOGRAPHIC PROCESSING

Scale—A.P. 830(1) Vol. III

Ref. No.	Nomenclature	Details	Denom. of Qty.	Wings. Qty. authorised	F.R. Sqdn. Qty. authorised	Survey Sqdn. Qty. authorised
1	2	3	4	5	6	7
			PHOTOGRAPHIC PROCESSING SECTION			
614	BINS, Film, fibre . .	For 16mm. cine camera gun film.	Each	3	..	..
	BOTTLES, glass :—					
10	40 ozs.		,,	4	..	..
12	80 ozs.		,,	12	12	..
314B/104	BOXES, negative storage	Previous ref. 14B/18 or 19 if not available, to be manufactured locally	,,	As reqd.	..	..
	BRUSHES :—					
	Spoting :—					
1757	No. 1	Old reference was not shown but the units were authorised for No. 3 round sable. (Ref. 1-A/4056).	,,	2	1	1
1758	No. 2		,,	2	1	1
1760	No. 4		,,	2	1	1
1761	No. 5		,,	2	1	1
2875	CASSETTES, empty :— 35 mm. 36 exps. metal complete with spool.	Old ref. 14B/772. To be demanded if 35 mm. miniature camera held.	,,	As reqd.	..	..
520	CLAMPS, film . .		,,	6	..	..
3599	CLOTHS, polishing. anti-static.	Previous Ref. 14B/NIV. C-1.	,,	..	2	6
	CONTAINERS :—					
	Celluloid waste :—					
567	18″ × 18″ × 24″		,,	4	2	2
	DISHES, steel :—					
	Enamel :—					
69	8 in. × 10 in.		,,	4	3	..
71	12 in. × 15 in.		,,	4	3	..
	Stainlesss Steel :—					
3202	16″ × 20″ × 6″	Previous Ref. 14B/72. (Steel)	,,	6	3	6
314B/105	24″ × 20″		,,	2	3	6
521	DRUMS, film drying :— Type B without motor		,,	2	1	..
	EASELS, enlarging :—					
75	6½″ × 8½″	To be demanded if Type 'B' Enlarger is held.	,,	1	..	..
79	12″ × 15″		,,	1	..	..

EQUIPMENT AND ACCESSORIES

Part A Scale A1 Issue No. 3

S.R. Unit. Qty. authorised	Stations where photo Sec. is Estbd. Qty. authorised	C.P.R.S. Qty. authorised	C.D.L. & R.S. Qty. authorised	C.A.O. Qty. authorised	2 G.T.S. Qty. authorised	A.O.P. Flight Qty. authorised	P.T.S. Qty. authorised	TCTTB Qty. authorised	R.M.D. Qty. authorised	School of Land /Air Warfare	Remarks
8	9	10	11	12	13	14	15	16	17	17a	18
EQUIPMENT & ACCESSORIES											
14B											
..	1	2	..	..	6	..	3	1	..		Reference col. 5. This scale is also applicable to J.T.W. (Authority—Government of India letter No. Air HQ/16310/5/PH/46/S/D (Air-1) dated 21st May, 1959.)
..	4	6	..	..	12	4	..	..	—		
12	8	24	12	8	48	6	..	6	—		
..	As reqd.	As reqd.	As reqd.	..	As reqd.	As reqd.	..	As reqd.	..		2. Reference col. 14. Authorise to A.O.P. Flight when located away from wing/station/unit.
1	1	2	..	..	4	..	2	..	..		3. Reference col. 12. Previously known as photo stat section
1	1	2	..	..	4	..	2	..	..		
1	1	2	..	..	4	..	2	..	..		
1	1	2	..	..	4	..	2	..	..		
..	As reqd.	As reqd.	..	..	..	..	..	..	..		
..	4	6	..	..	12	4	6	..	..		
3	..	..	..	..	..	..	..	..	..		
2	2	12	6	2	12	2	2	..	..		
6	2	8	2	..	12	3	..	2	..		
6	2	6	2	2	12	1	..	4	4		
6	4	10	2	2	28	1	..	2	..		
..	1	10	6	4	8	..	..	..	..		
..	1	2	..	..	6	1	..	..	..		
..	1	As reqd.	..	..	As reqd.	1	..	1	..		
..	1	As reqd.	..	..	As reqd.	1	..	1	..		

1	2	3	4	5	6	7
						SECTION
	ENLARGERS :—					
3451	Copying, horizontal .	Complete. (Previous Ref. 14A/3036).	Each	..	..	..
3382	Type B assemblies .	Horizontal, $6\frac{1}{2}'' \times 4\frac{3}{4}''$ complete, comprising enlarger case & carrier film, without lamp, filament (Previous Ref. 14A/2557).	,,	1	..	..
3417	Type E assemblies .	Fitted with 35mm. head and 5 cm. f/3·5 Ross Resolux lens, and c/w stand without lamp, filament. (Previous Ref. 14A/3417).	,,	1	..	..
3425	Type 3 assemblies .	Complete comprising enlarger & case, without lamps, filament. Vertical, $6\frac{1}{2}'' \times 4\frac{3}{4}''$. (Previous Ref. 14A/2047) obsolete. No. further provisioning.	,,	..	..	..
314B/106	Williamson, precision, automatic.		,,	..	..	..
314B/107	Auto, Focussing . .	Consisting of Mod. set Transformer, and lamp arc (One each). Previous ref. 14A/NIV.	,,	..	..	..
314B/108	70mm. Mark 2 . .		,,	..	1	..
314B/109	Barcro . . .	No. 157024 . . .	,,	..	..	..
314B/110	Process . . .		,,	..	..	..
	FUNNELS :—					
107	Steel 6 in.	Enamelled.	,,	2	2	4
314B/101	Steel 12 in.		,,	..	..	..
	GLASSES :—					
	Enlarging easel :—					
76	$6\frac{3}{4}$ in. × 9 in.	For Ref. 14B/75.	,,	2	..	..
298	13 in. × 16 in.	For Ref. 14B/79.	,,	2	..	..
	HEATERS, immersion :—					
	Dish :—					
3316	230V.	Previous Ref. 14B/1418.	,,	1	2	2
	Tank :—					
24 OR 6 25	200-230V. / 230-250V.	Voltage as required.	,,	1	..	..
	LAMPS, darkroom, electric :—					
2345 OR 603	4 in. × 5 in. / 8″ × 10″. No. 2 hanging type.		,,	As reqd.	As reqd.	8

8	9	10	11	12	13	14	15	16	17	17B	18
14B—Contd.											
..	..	1	..	..	..	..	..	..	..		
..	1	3	..	..	8	1	..	1	..		Type 'B' or Type 'E' can be held in lieu.
..	..	2	..	..	6	..	..	..	..		
..	..	..	..	..	..	..	..	..	..		Ref. Govt. of India letter Air HQ/S. 18084/Plus (P. C. No. 1) 572-3/D (A-1) of 26-3-57.
..	..	3	..	..	..	..	..	..	..		
..	..	..	1	..	..	..	..	..	..		
1	..	1	..	..	..	..	..	..	..		
..	..	..	1	..	..	..	..	..	..		
..	..	1	..	..	..	..	..	..	..		
2	1	2	2	1	4	1	..	1	..		
2	..	2	..	..	..	..	..	..	..		
..	2	As reqd.	..	..	As reqd.	2	..	1	..		
..	2	As reqd.	..	..	As reqd.	2	..	1	..		
2	1	2	2	1	2	1	..	1	..		
..	..	2	1	..	2	..	..	..	..		
6	As reqd.	As reqd.	As reqd.	As reqd.	As reqd.	3	..	..	2		

1	2	3	4	5	6	7
					SECTION	
314B/111 OR 3137	MACHINES, continuous film processing :— Mark 1. Mark 5.	Previous Ref. 14B/922. 'Obsolete'. Fitted with stainless steel tanks. (Can be issued in lieu of 314B/195 Continuous processing Machine for aerial film minimum 13″ width including refrigeration Equipment for maintenance of solution temperature with wash water cooling unit.	Each	..	..	—
2031	Multiprinting Mark 2.	Complete.	,,	..	..	..
1311	Negative duplicating, universal.	Complete.	,,	..	..	..
2516	Negative grading, Mark 3.		,,	..	..	..
1239	Negative numbering	Complete with spares.	,,	2	..	2
	MACHINES, print drying and glazing.					
1661 OR 3305	200-250V., Type B 230V., Type C. (A.C.)		,,	1	..	..
	Accessories :—					
3310 OR 3342	Cases, transit & storage, machine. Cases, transit & storage, machine.	For Ref. No. 14B/1661 For Ref. No. 14B/3305	,,	1	..	..
560	Elements, heating .	For use with 14B/1661 or 14B/3305. For requisite voltage refer AP 1086 Book 8 Part 1, 2nd Edition.	,,	2	..	..
557	Stands . . .	For Ref. No. 14B/1661 .	,,	1	..	—
1538	MEASURES:— Enamel, 40 oz. . .		,,	2	2	4
3098	METERS, exposure, photo-Electric.	C/W case.	,,	1	..	..
144	MORTARS, porcelain, c/w pestle.		,,	1	1	2
3065	PRESSES, dry mounting, 230V. :— 20 in. × 24 in. . .		,,	..	..	..
733	PRINTERS, contact:— F.24, Type B . .	Complete with Ref. 14B/1308 & 14B/733.	,,	2	1	..

8	9	10	11	12	13	14	15	16	17	17a	18
14B—Contd.											
2	..	2	—	—	..	..	..	..	—		
1	..	2	..	..	..	..	..	..	..		
..	..	2	..	..	..	..	..	..	..		
..	..	1	..	..	..	..	..	..	..		
3	1	2	..	..	6	1	..	..	..		
..	1	2	..	..	2	1	..	..	..		
..	1	2	..	..	2	1	..	..	..		
..	2	4	..	..	4	2	..	..	..		
..	1	2	..	..	2	1	..	..	..		
2	1	2	2	2	4	1	..	1	2		
..	..	4	..	..	5	..	..	1	1		
1	1	1	1	1	3	1	..	..	1		
..	..	2	..	..	..	..	..	..	..		
..	1	4	..	..	8	1	..	1	..		

1	2	3	4	5	6	7
					SECTION	
	Spares:—					
534	Glasses, Opal . .		Each	6	3	..
535	Glasses, pressure . .		,,	1	2	..
1797	Type E . . .		,,	1	..	..
	Spares :—					
2112	Glasses, diffusion . .		,,	As reqd.	..	..
2111	Platens, glass . .		,,	1	..	..
3226	Type G . .		,,	..	..	..
	Spares:—					
3234	Glasses register . .		,,	..	..	..
1658	PRINTERS, reflex, 32″ × 42″ 230V., A.C.	Complete with lamps and Spool box. For reprint of documents, maps, drawings, or blue prints.	,,	..	..	..
	Accessories :—					
1659	Trays, developing, fixing and washing.		,,	..	..	..
2020	PRINTERS, vacuum, 24″ × 24″, 230V A. C.		,,	..	..	..
	Accessories :—					
1704	Pumps, motor exhaust assembly.		,,	..	..	..
314B/112	PRINTERS, Eagle IX		,,	..	..	5
	Spares :—					
14B/534	Glasses, opal . .		,,	..	..	10
314B/113	RACKS, drying, photographic :—Type B	(For drying plates) Previous Ref. 14B/1933.	,,	1	..	..
314B/114	Drying photostat & Barcro.	Local manufacture.	,,	..	..	..
616	REWINDERS, upright	For 16 mm. cine camera gun films.	,,	2	1	..
1252	RODS, stirring .		,,	4	6	4
	SAFELIGHTS :—					
2458 OR 529	Type 1 :— 4 in. × 5 in. / 8 in. × 10 in.	For bromide paper. For use with lamps, dark-room, Ref. 2346 and 603.	,,	As reqd.	As reqd.	8
2459 OR 530	Type 2 :— 4 in. × 5 in. / 8 in. × 10 in.	For orthochromatic negative materials. For use with lamps, dark-room Ref. No. 2346 and 603.	,,	As reqd.	..	4

8	9	10	11	12	13	14	15	16	17	17a	18
14B—Contd.											
..	3	12	..	..	24	3	..	3	..		
..	1	2	..	..	4	1	..	1	..		
2	..	4	..	..	2	..	..	1	..		
As reqd.	..	As reqd.	..	..	As reqd.	..	..	As reqd.	..		
2	..	4	..	..	2	..	..	1	..		
2	..	..	..	..	..	..	..	..	..		
2	..	..	..	..	..	..	..	..	..		
..	..	1	1	..	..	..	..	..	..		
..	..	3	3	..	..	..	..	..	..		
..	..	2	..	..	..	..	..	..	..		
..	..	2	2	..	..	..	..	..	..		
..	..	4	..	..	..	..	..	..	..		
..	..	..	..	..	..	..	..	..	..		
..	1	2	..	..	12	..	..	..	..		
..	..	..	2	1	..	..	..	..	..		
..	1	1	..	..	3	..	2	..	..		
4	2	8	6	3	12	2	..	2	..		
6	As reqd.	As reqd.	As reqd.	As reqd.	As reqd.	As reqd.	..	As reqd.	4		
3	As reqd.	As reqd.	As reqd.	As reqd.	As reqd.	As reqd.	..	As reqd.	4		

1	2	3	4	5	6	7
						SECTION
2460 OR 531	Type 3 :— 4 in. × 5 in. 8 in. × 10 in.	For panchromatic negative materials. For use with lamps, darkroom Ref. No. 2346 and 603.	Each	As reqd.	..	6
746	STEREOSCOPES :— Type D		,,	1	..	..
679	TANKS, developing :— 35 mm.	For miniature camera film Daylight.	,,	1	..	..
1373	9½, 250 exposures Frame Type :—	For 100 ft. 16 mm. cine film. NOT supplied complete. Demand parts as required. Previous Ref. 14B/605.	Set	1	..	5
	Consisting of —	QTY.				
606	Bags, hypo dissolving .	1	,,	2	..	..
623	Dividers . .	One per tank. 4	,,	2	..	..
608	Frames . . .	12	,,	2	..	..
607	Paddles, stirring . .	1	,,	2	..	..
609	Stands, winding . .	1	,,	2	..	..
610 OR 3222 OR 3381	Tanks, developing . Tanks, developing . Tanks, developing .	Obsolete 4 4 4	,,	2	..	..
2168	Tanks, developing 16-mm. film spool type.		,,	1	..	..
730	F 24	c/w cases, storage, Ref. 476	,,	2	..	..
1807	TANKS, Print washing type B.	For F. 24 prints.	,,	2	2	..
2430	TENTS, Photographic, type B.	Complete with 230 V., elect. equipment and 12V. battery changing set for use in emergency.	,,	..	..	2
	THERMOMETERS:—					
1924	Type B, Farenheit, spirit filled.	For testing temperature of developer.	,,	3	3	4
3270	TRIMMERS, clockwork, darkroom.	c/w alarm. } Previous Ref. 14B/385.	,,	2	2	2
3271	TRIMMERS, clockwork, darkroom.	Seconds-timer }	,,	1	1	2
284	TRIMMERS, print, 15″		,,	2	2	5
314B/115	TRIMMERS, PRINT, 20″	Previous Ref. 14B/285 .	,,	..	..	..
2462	WINDERS, Film, universal, Mk. 3.		,,	2	2	4
1244	WRINGERS RUBBER roller 16″.		,,	2	2	..

8	9	10	11	12	13	14	15	16	17	17a	18
14B—Contd.											
6	As reqd.	As reqd.	As reqd.	As reqd.	As reqd.	As reqd.	..	As reqd.	4		
3	..	1	..	..	1	..	..	..	..		
..	..	2	..	..	6	..	..	..	..		
3	..	1	..	..	1	..	..	..	1		
..	..	..	..	..	2	..	..	..	..		
..	..	..	..	..	2	..	..	..	..		
..	..	..	..	..	2	..	..	..	..		
..	..	..	..	..	2	..	..	..	..		
..	..	..	..	..	2	..	..	..	..		
..	..	..	..	..	2	..	..	..	..		
..	..	..	..	..	..	..	..	..	1		
..	1	1	..	..	6	1	..	1	1		
2	1	2	..	..	6	1	..	1	..		
..	..	..	..	..	2	1	..	..	..		
3	2	8	3	2	8	1	..	1	..		Previous scale was for items 14B/75 or 14B/635 or 14B/636.
2	1	4	2	1	6	1	..	1	..		
1	1	4	2	1	6	1	..	1	1		
4	1	4	3	2	6	1	..	1	..		
..	..	2	4	1	..	..	..	..	..		
6	1	2	..	..	3	..	..	1	4		
2	1	1	1	2	3	..	..	..	..		

1	2	3	4	5	6	7
					SECTION	
314B/116	Frame metal 16mm. Film Developing.		Each	6	..	..
	MACHINES:—					
1419	Litho . .		,,	1	1	..
	Accessories:—					
2479	Cases, transit . .		,,	1	1	..
314B/119 OR 314/117 OR 314B/118	PHOTO-STAT, wall type M-10 PHOTOGRAPHIC. Copying photo stat standard 4. PHOTO-STAT. Model 4 Type P.	Class 10-B Part No. 516200 No. B-53.	,,	..	..	..
	PROCESSING EQUIPMENT colour consisting of:—					
314B/120	Sheet film processing tanks		,,	..	..	..
	PROCESSING EQUIPMENT, colour consisting of :—					
314B/121	Wratten skylight filters.		,,	..	..	..
314B/122	Kodak neutral density test card.		,,	..	..	..
314B/123	Kodak skylight filter No. 2B.		,,	..	..	..
314B/124	Kodak No. 3 developing hangers. $3\frac{1}{4}'' \times 4\frac{1}{4}''$.		,,	..	..	..
314B/125	Developing clips (Kodak)		Doz.	..	..	..
314B/126	Kodak self draining bottom clips.		,,	..	..	..
3098	Exposure meter.		Each	..	..	..
314B/127	AUTOMATIC, exposure, controls.		,,	..	..	..
	SENSITOMETRIC TEST EQUIPMENT					
	Consisting of :—					
314B/128	Densitometer.	Photo Elect. Cell type with Reflector head.	,,	..	..	..
314B/129	Kodak colour separation guide.	(With grey scale)	,,	..	..	..
314B/130	Filter OB-8-33016-$1\frac{1}{2}''$ diameter.	Polished to 4·2 mm. thickness.	,,	..	..	..
314B/131	Set of Wratten Light filters, 2″ square in B quality.	Glass Nos. 25, 58 and 47N in 420 Rim with Kodak lens attachment 480/420.	Set	..	..	..
314B/132	Graduated Step Wedge.		Each	..	..	..

8	9	10	11	12	13	14	15	16	17	17A	18
14B—	Contd.										
..	..	..	..	..	..	..	..	..	4		
1	..	3	2	1	2	..	..	..	..		
1	..	3	2	1	2	..	..	..	..		
..	..	..	1	1	..	..	..	..	..		
..	..	..	..	..	4	..	..	..	..		
..	..	..	..	..	4	..	..	..	..		
..	..	..	..	..	4	..	..	..	..		
..	..	..	..	..	4	..	..	..	..		
..	..	..	..	..	4	..	..	..	..		
..	..	..	..	..	3	..	..	..	..		
..	..	..	..	..	3	..	..	..	..		
..	..	..	..	..	3	..	..	..	..		
..	..	6	..	..	..	..	..	..	..		
..	1	1	..	..	2	..	..	1	..		
..	1	1	..	..	2	..	..	1	..		
..	1	1	..	..	2	..	..	1	..		
..	1	1	..	..	2	..	..	1	..		
..	1	1	..	..	2	..	..	1	..		

1	2	3	4	5	6	7
					SECTION	
	PROCESSING EQUIPMENT 70 MM	Manufacturers Ref. No.				
Ref. Nos. 314B/133	Kodak 70mm. spiral film processing outfit.	Model-100 Ref. No. 591	Each	..	3	..
314B/134	Spare spiral spool .	,, ,, 591A	,,	..	3	..
314B/135	Processing dish for above	,, ,, 592	,,	..	..	..
314B/136	Processing dish lid for above.	,, ,, 592A	,,	..	..	..
314B/137	STAT FILE FILM DRIER, Model 70	,, ,, 120/123	,,	..	2	..
314B/138	HAND STAPLING MACHINE	,, ,, 122A	,,	..	2	..
314B/197	Bruan Hobby Electronic flash unit automatic E. F3.		,,	1	..	..
314B/198	Pentoscope 70mm film viewer		,,	..	2	..
					SECTION	
	SPLICERS, Film					
1220	16mm		,,	2	..	..
4335	35mm		,,	..	..	..
	SPOOLS :—					
166	400 ft.		,,	As reqd	As reqd	..
1309	800 ft.		,,	..	..	..
992	1600 ft.		,,	..	..	..
					SECTION	
1A/4056	Brushes round, Table No. 3.	Ref. No. 1A/4056 for film cement.	,,	2	..	..
					SECTION	
45 OR 259	DRYERS, Roll Film Type A-5 } Type A-10 }		,,	1	..	2
	KITS, Photographic :—					
241	FILM Developing Type B-5.		,,	1	4	5
314B/139	TANKS, developing .	Modified tank B-5 Ref. 114B/241.	,,	..	..	..
114B/B-H 70	Camera 16mm. (Bell & Howell).		,,	..	..	.
					SECTION	
717	SCALES, weighing large.		,,	1	1	2

8	9	10	11	12	13	14	15	16	17	17a	18
14B— Contd.											
1	..	1	..	..	..	..	..	..	..		
1	..	1	..	..	..	..	..	..	..		
..	..	..	..	..	..	..	..	..			
..	..	..	..	..	..	..	..	..	..		
1	..	1	..	..	..	..	..	..	..		
1	..	1		..	..	..	..	..	..		
..	*1	2	..	..	2	..	..	1	..		*Qty. 2 for A.F. Stn. Kanpur only.
..	..	2	..	..	..	..	..	..	..		
14C											
..	1	2	..	..	3	..	2	1	..		Squadron doing cine work and established with 16mm projector on its scale.
..	..	..	..	..	..	..	2	..	..		
..	As reqd	As reqd	..	..	As reqd	..	6	4	4		
..	..	..	..	..	..	..	..	..	4		
..	..	..	..	..	..	..	..	..	4		
1A											
..	..	2	..	..	3	..	..	1	..		
114B											
4	..	2	..	..	1	..	..	1	..		
3	..	2	..	..	1	..	..	..	..		
..	..	..	..	..	..	..	..	..	..		
..	..	1	..	..	..	..	..	..	..		
4D											
1	1	1	1	1	2	..	1	..	1		

1	2	3	4	5	6	7
					SECTION	
3737	REFLECTORS, photographic, Type B.	Previous Ref. 5A/1919. C/W lampholders, fittings, plug and 5 ft. of flex. Kodak type. Not interchangeable with Ref. No. 1919.	Each	4	..	..
3738	Stands, telescopic. .	C/W 20 ft. of flex and twin sockets. Kidal type. Not interchangeable with Ref. No. 2257. (Previous Ref. 2257).	,,	2	..	..
	LAMPHOLDERS :— Bayonet :—					
784	S.C.C.G., without key switch.		,,	..	..	12
	TORCHES, electric :—					
3391	Type A.	Previous Ref. 5A/476	,,	..	2	2
	SWITCHES :— Tumbler :—					
4035	5 amps., 1-way.	Previous Ref. 5C/622	,,	..	..	6
4027	SOCKETS, Three way.	Previous Ref. 5X/261B	,,	..	..	6
4052	Plugs, 3 pin.	Previous Ref. 5X/262B	,,	..	..	6
1451	SOCKETS, Two way 2 Amps.	Previous Ref. 5X/NIV.S.1	,,	..	..	16
2168	PLUGS, 2 pin. 2 amps.	Previous Ref. 5X/NIV.P.1.	,,	..	..	16
4124	BLOWER, air Electric.	Previous Ref. 5J/1941	,,	..	..	2
					SECTION	
	TESTERS :— Insulation resistance :—					
152	Type C . . .		,,	1	1	3
203	Type D. . . .		,,	..	..	..
591	Socket 2 pole . .		,,	1	..	..
					SECTION	
	BATTERIES, secondary, lead acid. 12 V :—					
3253	40 ampere hours Type C.		,,	..	..	4
2379	100 ampere hours .		,,	4	4	2
					SECTION	
	LAMPS, Electric, filament :—					
X964230	110V—15W—Pearl, B.C.	Previous Ref. 5L/117	,,	..	..	12
X964228	110V—15W—Ruby B.C.	Previous Ref. 5L/1684	,,	..	..	4
X964330	110V—25W—Pearl, B.C.	Previous Ref. 5L/1173	,,	..	..	8

8	9	10	11	12	13	14	15	16	17	17a	18
5A											
..	2	12	4	4	12	..	..	..	..		
..	2	8	2	4	12	..	..	..	..		
..	..	..	..	..	..	..	..	..	..		
1	..	..	..	..	..	..	..	..	..		
..	..	..	..	..	..	..	..	..	..		
..	..	..	..	..	..	..	..	..	..		
..	..	..	..	..	..	..	..	..	..		
..	..	..	..	..	..	..	..	..	..		
..	..	..	..	..	..	..	..	..	..		
5G											
2	..	..	..	..	..	..	..	..	..		
..	..	..	..	..	..	..	..	..	2		
..	..	..	..	..	..	..	..	..	4		
5J											
..	..	..	..	..	..	..	..	..	..		
4	2	4	..	..	12	2	..	..	4		
5L											
..	..	..	..	..	..	..	..	..	..		
..	..	..	..	..	..	..	..	..	..		
..	..	..	..	..	..	..	..	..	..		

1	2	3	4	5	6	7
					SECTION	
X964520	110V–60W–Pearl, gas-filled.	Previous Ref. 5L/1175	Each	..	..	12
X964646	110V–100W—B.C. .	Previous Ref. 5L/478	,,	..	..	8
	or					
X964257	220V–15W–(Safe Light) B.C.		,,	As reqd.	As reqd.	12
X964259	15W (Ruby) B.C. .		,,	6	As reqd.	4
X964370	25W (Printers) . .		,,	10	As reqd.	..
X964552	60W (Reflex Printers) Clear.		,,	..	..	..
X964685	60W (Reflex printer) Amber.		,,	..	..	..
X964687	100W (Screw cap) Clear		,,	..	..	..
X964685	100W (Screw cap) Amber		,,	..	..	..
X964752	150W (Miniature enlarger. To be demanded if miniature.		,,	2	..	..
X964589	60W (Miniature enlarger) enlarger held.		,,	2	..	..
X964755	150W (Barcro)	For Ref. No. of Lamp electirc filament of requisite volt. Refer A.P. 1086, 2nd Edition Book 3, Part 1.	,,	..	..	..
X966827 or X964847	1500W (G.E.S.) / 500W(E.S.)		,,	2	..	..
X966829	500W (Photographic Reflectors).		,,	6	..	..
OR	OR					
205L/101	Mercury photo-Stat. .	Ref. No. NIV-L/30.				
91 OR 478	220V.—100 Watts.		,,	..	..	4
					SECTION	
	MOTORS, electric	For Drums Drying Type B				
583	200/250 Volts .	A.C.	,,	2	1	..
OR						
581	200/250 Volts. 1/30h.p.	A.C.	,,	..	4	5
2899	TRANSFORMER	For B-5 Developing set.			SECTION	
275	GLASSES, Magnifying, 3″		,,	1	2	2
					SECTION	
305P/101	BOARDS, Wooden 16″ × 12″	For switch board (Local manufacture).	,,	..	..	4
52	BRUSHES, scrubbing .	Hand union.	,,	4	4	4
	JUGS :—				SECTION	
760	3 Quarts . . .	Enamelled.	,,	2	4	4
OR						
759	4 Quarts . . .					

8	9	10	11	12	13	14	15	16	17	17a	18
5L—	Contd.										
..	..	..	..	..	..	..	..	..	..		
..	..	..	..	..	..	..	..	..	..		
1	As reqd.	As reqd.	As reqd.	As reqd.	As reqd.	As reqd.	..	As reqd.	..		
4	2	6	5	4	10	2	..	2	..		
As reqd.	6	30	..	..	15	3	..	2	..		
..	..	15	15	..	..	..	..	..	..		
..	..	15	15	..	..	..	..	..	..		
..	..	15	15	..	..	..	..	..	..		
..	..	15	15	..	..	..	..	..	..		
..	..	4	..	..	12	..	..	..	..		
..	..	4	..	..	12	..	..	..	..		
..	..	..	32	..	..	..	..	..	..		
..	2	5	..	..	10	2	..	..	..		
..	3	16	8	8	16	..	..	..	..		
..	..	..	..	..	..	..	..	..	4		
5P											
..	1	2	..	..	6	1	..	..	..		
4	..	..	..	..	..	..	..	..	..		
6E											
2	1	2	2	1	1	1	..	1	3		
21B											
..	..	..	..	..	..	..	..	..	..		
4	2	4	2	2	6	2	..	..	..		
21C											
3	2	6	4	2	12	2	..	..	..		

1	2	3	4	5	6	7
					SECTION	
366	PAILS :— Slop	Enamelled with cover	Each	2	6	6
2248	SCALES, weighing :— Chemicals . . .	For photographic and safety equipment sections.	,,	1	2	2
	WEIGHTS :— Brass :—					
624	1/2 dram . . .		,,	1	2	2
623	1 dram . . .		,,	1	2	2
6622	2 dram . . .		,,	1	2	2
621	1/4 oz. . . .		,,	1	2	2
620	1/2 oz. . . .		,,	1	2	2
619	1 oz. . . .		,,	1	2	2
618	2 oz.		,,	1	2	2
617	4 oz.		,,	1	2	2
616	8 oz.		,,	1	2	2
1340	1 lb. . . .		,,	1	2	2
1341	2 lb. . . .		,,	1	2	2
1342	4 lb. . . .		,,	1	2	2
	TUBS :— Washing :—					
891	Round. . . .		,,	..	..	3
	BATHS :—					
610	Zinc. . . .		,,	..	..	4
					SECTION	
11	BLANKETS . .		,,	..	..	12
553	Mosquito Nets . .		,,	2	..	..
					SECTION	
35	TOWELS, hand . .		,,	10	6	6
					SECTION	
371P	GUM BOOTS, Size 7 .		Pair	..	..	2
372P	Size 8 .		,,	..	..	4
373P	Size 9 .		,,	..	..	2

8	9	10	11	12	13	14	15	16	17	17a	18
21C—Contd.											
4	2	12	4	2	2	2	..	..	..		
2	1	2	1	1	3	1	..	..	..		
2	1	2	1	1	3	..	..	..	..		
2	1	2	1	1	3	..	..	..	..		
2	1	2	1	1	3	..	..	..	..		
2	1	2	1	1	3	..	..	..	..		
2	1	2	1	1	3	..	..	..	..		
2	1	2	1	1	3	..	..	..	..		
2	1	2	1	1	3	..	..	..	..		
2	1	2	1	1	3	..	..	..	..		
2	1	2	1	1	3	..	..	..	..		
2	1	2	1	1	3	..	..	..	..		
2	1	2	1	1	3	..	..	..	..		
..	..	..	..	..	..	..	..	..	..		
..	..	..	..	..	..	..	..	..	..		
21E											
..	..	..	..	..	..	..	..	..	..		Authorised for use of photo section at No. 8 Wing *vide* letter No. Air HQ/32465/3/E21/1064/D (Air-1) dated 24th Feb. 1959.
..	..	..	..	..	..	..	..	..	..		
22B											
6	4	16	12	4	24	4	..	..	..		
22D											
..	..	..	..	..	..	..	..	..	..		
..	..	..	..	..	..	..	..	..	..		
..	..	..	..	..	..	..	..	..	..		

1	2	3	4	5	6	7
					SECTION	
395	APRONS, rubber .		Each	6	8	8
	GLOVES :— Rubber, photographic N. P.					
597 OR 598 OR 599	Size No. 7. Size No. 8. Size No. 9.		Pair	As reqd.	As reqd.	As r qd.
					SECTION	
1278	PADLOCKS, Iron .		Each	..	..	16
					SECTION	
563	CLOTH, Flannel, 36″		,,	3	4	4
399	LEATHER, chamois .		,,	3	6	10
					SECTION	
405	GENERATOR:— 110 V.		,,	..	..	3
					SECTION	
365 OR 297	RECTIFIERS:— Type 2C.		,,	1	..	..
5P/3	TRANSFORMERS :— 230/115V.	For A-10 Drying Drum.	,,	..	..	6
					SECTION	
1768	Socket 3 pole No. 1 .		,,	1	..	..
1769	Socket 5 pole . .		,,	1	..	..
					SECTION	
117 OR 281	Watches stop . .		,,	..	..	2
					SECTION	
2091	Switches push . .		,,	..	..	..
543	Switches Tumbler .		,,	..	..	..
898	Switches push Type B .		,,	..	..	..
					SECTION	
10613	Test Meter Type D .		,,	1	..	..
	Pointer Staff . .		,,	..	..	..
					SECTION	
YA.2886	Telephone Field . .		,,	..	..	..

8	9	10	11	12	13	14	15	16	17	17a	18
22G											
8	2	12	6	4	18	2	..	..	..		
As reqd.	As reqd.	As reqd.	As reqd.	As reqd.	As reqd.	As reqd.	..	..	..		
29G											
..	..	..	..	..	..	..	..	..	..		
32B											
3	1	2	1	1	3	1	..	..	..		
8	1	6	1	..	3	1	..	..	..		
142U											
..	..	..	..	..	..	..	..	..	..		
5P											
..	1	1	1	..	1	1	..	..	..		
6	..	..	..	..	..	..	..	..	..		
5X											
..	..	..	..	..	..	..	..	..	4		Already authorised in R. O. No. 120/57.
..	..	..	..	..	..	..	..	..	4		
6B											
..	..	..	..	..	..	..	..	..	2		
5C											
..	..	..	..	..	..	..	..	..	4		
..	..	..	..	..	..	..	..	..	4		
..	..	..	..	..	..	..	..	..	4		
10S											
..	..	..	..	..	..	..	..	..	1		
..	..	..	..		..	..	..	..	..	2	
10G											
..	..	..	..	..	..	..	..	..	..	10½	

1	2	3	4	5	6	7
					SECTION	
YA.6733	Switch Board Magnetic Ten Lines (Telephones Exchange).		Each	..	..	..
					SECTION	
2059	Cable Field . . .		Meters	..	..	..
					SE	
293	Binoculars . . .		Each	..	..	..
395	Compass Prismatic MK.3		,,	..	..	..
					SECTION	
275	Pocket Compass (Required for 6E/395 Compass).		,,	..	..	..
					SECTION	
9101160 (Old Ref. No. 200)	Batteries primary inert 1. 5V, No. 1 War Office type W. B. 0205.		,,	..	..	..

8	9	10	11	12	13	14	15	16	17	17a	18
10G—Contd.											
..	..	..	..	..	..	..	..	..	..	1	
5E											
..	..	..	..	..	..	..	..	..	..	377	
6E											
..	..	..	..	..	..	..	..	..	..	2	
..	..	..	..	..	..	..	..	..	..	2	
23											
..	..	..	..	..	..	..	..	..	..	2	
5J											
..	..	..	..	..	..	..	..	..	..	20	

(For Official use only)

I. A. P. 1503-A
Scale No. A2.
(Old A. P. 830 Vol. III Part 'A' Scale A-2)

SCALES OF EQUIPMENT OF RADAR TEST GEAR FIELD AND WORKSHOP POWER SUPPLIES

AMENDMENTS CERTIFICATE

The amendments promulgated in the undermentioned Amendment Lists have been made in this Publication.

Amendment List		Amendments made by	Date
No.	Date		

INDEX

TITLE PAGE

AMENDMENTS CERTIFICATE

INDEX

MEMORANDUM OF INSTRUCTIONS

SCALES OF EQUIPMENT

PART I—Field Test Equipment.

PART II—Workshop Test Equipment.

PART III—Petrol/Electric Test Sets and Associated items required for daily Inspections.

PART IV—Mains driven Electric Test Sets and Major Accessories required for Workshop Maintenance.

MEMORANDUM OF INSTRUCTIONS

PURPOSE AND LAYOUT OF SCALES

1. These Scales are issued to provide a guide to the Technical Test equipment to be held by Units in India Command holding Airborne Radar Equipment and constitute the authority for the demanding and retention of all items shewn herein.

2. The items herein detailed are restricted to those of Air Force supply.

3. The Scales have been divided into four parts for convenience.

PART I—**Field Test Equipment.** (Excluding ground Power Supply Sets).

Details items of Test Equipment required for Aircraft Testing in the field, items which are required for both field and workshop testing are generally included in Part I. (Certain items are however, included in both Parts I and II).

PART II—**Workshop Test Equipment.** (Excluding Ground Power Supply sets).

Details items of Test Equipment required specifically for workshop use and periodic overhauls carried out under Command arrangements.

PART III—**Petrol/Electric Test Sets and Associated items required for daily inspections.**

Details items of Petrol/Electric Test Sets and associated items required for daily inspections.

PART IV—**Mains Driven Electric Test Sets and Major Accessories required for Workshop maintenance.**

Details items of Mains driven Test Sets and major accessories required for Workshop maintenance.

SCALE OF ENTITLEMENTS.

4. PART I. Maximum Scale of Entitlement—1 per 5 U/E aircraft.
e.g. Squadron Strength 18 U/E aircraft.

Scale of Entitlement $\frac{18}{5}$ =4 sets of field test equipment.

PART II. Maximum Scale of Entitlement—1 per 8 U/E aircraft.
e.g. Squadron Strength 18 U/E aircraft.

Scale of Entitlement $\frac{18}{8}$ =3 sets of workshop test equipment.

PART III. Maximum Scale of Entitlement—1 per 4 U/E aircraft.
e.g. Squadron Strength 18 U/E aircraft.

Scale of Entitlement $\frac{18}{4}$ =5 Ground supply sets.

PART IV. Maximum Scale of Entitlement—1 per 8 U/E aircraft.

4—6 I.A.F./65

5. In all cases a *Minimum Scale of Entitlement* to quantity three of each item of equipment is allowed, where the quantity calculated on an aircraft basis falls below this figure, e.g.

Squadron Strength 12 U/E aircraft.

Calculated Scale of Entitlement $\frac{12}{8} = 2$ sets of Workshop Equipment.

Actual Entitlement is 3 sets of Workshop Equipment.

6. When an item of equipment is held on charge for servicing one type of Radar Installation, no additional entitlement is allowed for other types of Radar Installations requiring the same item, except when specifically stated by annotation in the schedule.

e.g. Squadron Strength 30 U/E aircraft.

Item	*Aircraft Fitted*	*Entitlement*	
5G/1621 or 203 Testers, Insulation resistence, type 'A' or 'D'	GEE APN-2 LORAN	6 not 18	Part I.
10S/10610 Test-meter, type 'D1'	GEE APN-2 AYD/F	4 not 12	Part II.

APPLICATION OF COLUMNS

7. PARTS I AND II.

Columns 1 to 8 are self explanatory, columns 9 to 11 are provided so that amendments, i.e. additions for H2S, A.S V. etc. can be made. Column 12 is to be used by the unit for pencil entries to provide a current check on actual holdings although the scale is not to be regarded as an accounting document.

AMENDMENTS

8. Suggestions for amendments to these Scales are to be forwarded to Air Headquarters, India, through normal channels.

PART I

SCALE OF ISSUE FOR AIRADAR

Field Test Gear

Ref. No.	NOMENCLATURE	REMARKS	REBECCA-APN2	LORAN	AYD/F	IFF	WATTER				
1	2	3	4	5	6	7	8	9	10	11	12
	SECTION 5G										
	TESTERS :—										
	Insulation resistance :—										
1621 OR 203	Type 'A'. Type 'D'.	(a) 1 per 5 U/E. f) 1 per 10 U/E.	f	a	a	a					
	SECTION 5J										
	ACCUMULATORS :—										
	Lead acid :—										
	2 volts :—	(b) 3 per Wavemeter, ref. No. 10T/546, type W. 1432.	f								
	7 ampere hours :—		b								
1514	No. 1.										
	SECTION 10AB										
	CALIBRATOR UNITS :—										
8352	Type 118.		f								
	SECTION 10KB										
	TRANSFORMER UNITS :—										
1040	Type 74.		f								
	SECTION 10S										
	TEST—METERS :—										
46	Type 'H'.		f	a							
	SECTION 10SB										
	SIGNAL GENERATOR :—										
149	Type 42A.					a					
	SECTION 10T										
	MONITORS :—										
11390	Type 2.	Complete with Crystal ref. No. Section 10XA/1750.		a							
	WAVEMETERS :—										
546	Type W.1432.		f			a					
	SECTION 110SB										
13	DELAY UNITS :—				a						
	TEST SETS :—										
127	Type TS—10A/APN.				a						

PART II

SCALE OF ISSUE FOR AIRADAR

Workshop Test Gear

1	2	3	4	5	6	7	8	9	10	11	12
	SECTION 1H										
6	CLEANERS, contact, No. 1	(c) 1 per 8 U/E. (f) 1 per 10 U/E.	f								
	ADJUSTERS :—										
	Spring :—										
51	No. 1.		f								
52	No. 2.		f								
	SECTION 5A										
	BLOWERS, air, portable :—										
	Type 'A' :—										
1901	220/230 volts AC or DC.		f	c	c	c					
	SECTION 5G										
	TESTERS :—										
	Insulation resistance :—										
203	Type 'D'.		f	c	c	c					
	SECTION 5J										
	CELLS :—										
	Dry :—										
	1·5 volts :—										
1279	No. 8.				c						
	SECTION 5P										
	RECTIFIERS :—										
2398	Type 2 B.				c						
	SECTION 10A										
	VOLTMETERS :—										
	Electrostatic :—										
	0 to 3,500 :—										
12248	Type 'A'.		f								
	SECTION 10AB										
	ADAPTERS :—										
6005	Type 76.				c						
	EXTRACTORS :—		f								
6	Type 2.										
	SECTION 10BB										
	AERIALS :—										
	Aircraft :—	(d) 2 per set of Test Equip.									
2171	Type 184.		d								
	AERIAL SYSTEMS :—										
2172	Type 308.		f								
	SECTION 10H										
	CONNECTOR SETS :—										
6226	Type A. R. I./5506/Bench Test Set.	(c) 1 per 8 U/E. (e) Rebecca 11.	f e								

1	2		3	4	5	6	7	8	9	10	11	12
	SECTION 10H—Contd.											
	Consisting of :—											
	Connectors :—	*Qty.*	(f) 1 per 10 U/E.									
6219	Type 1676	1										
6220	Type 1677	1										
6221	Type 1678	1										
6222	Type 1679	1										
6223	Type 1680	1										
6224	Type 1681	6										
6225	Type 1682	1										
6389	Type 1717	1										
	SECTION 10HA											
	CONNECTORS :—											
1922	Type 5594				f							
1925	Type 5597				f							
1926	Type 5598				f							
1927	Type 5599				f							
654	Type 5600				f							
655	Type 5601				f							
656	Type 5602				f							
657	Type 5603				f							
658	Type 5604				f							
659	Type 5605				f							
660	Type 5606				f							
	SECTION 10KB											
	POWER UNITS :—											
407	Type 195.				f							
	Conhisting of :—	*Qty.*										
907	Cases	1										
—	Plugs, type W. 204	1	Ref. 10H/397.									
—	Rotary converters, type 1.	1	Ref. 5U/111.									
—	Switches, type 267	1	Ref. 10F/10685.									
	SECTION 10S											
	OSCILLOSCOPES :—											
562	Type 11.				f		c					
	TEST-KITS :—											
720	Type 6.						c					
	TEST-METERS :—											
10610	Type D 1.				f	c	c	c				
46	Type 'H'.											
	SECTION 10SB											
	SIGNALS GENERATOR :—											
150	Type 51				f							
or												
189	Type 52				e							
	TEST SETS :—											
74	Type 43.		(c) 1 per 8 U/E.		f							
107	Type 74.		(f) 1 per 10 U/E.					c	c			

1	2	3	4	5	6	7	8	9	10	11	12
	SECTION 10SB—Contd.										
169 or 6101	Type 138. / Type 138A.		f								
193	Type 165.		f								
268	Type 347.					c	c				
	TESTERS :—										
113	Switch.		f								
	SECTION 10T										
	WAVEMETERS :—										
87	Type W. 1310.					c	c				
547	Type W. 1433.	(c) Rebecca 11.	f			e	e				
	SECTION 110S										
50	I-56-FE-10049.			c							
	SECTION 110SB										
51	DELAY LINES, TS. 59-AN-TS59/APN.				c						
	TEST SETS :—										
14	TS/16/APN.				c						

PART III

P/E SETS—FOR DAILY INSPECTION

Scale of Issue—1 per 4 U/E

TYPE OF RADAR EQUIPMENT	TYPE OF P/E SET
Rebecca II. ***	42Y/800 fitted with
AYD/AYF.	Generators
LORAN.	Types K and R.H.
AN/APN-2 ***	42Y/800 fitted with
AYD/AYF.	Generators
LORAN.	Types K and R. H.

***Scale of Issue for Rebecca= 1 per 10 U/E.

PART IV

MAINS DRIVEN ELECTRIC TEST SETS

Scale of Issue—1 per 8 U/E

Type of Radar Equipment.		
Rebecca II. *** LORAN	*5G/2029 Tester Generator fitted with two Generators, type U2, Section Ref. 5/U 2617. 5U/363 Panels, control, type 5; 24 volts.	80 V. A.C. 2400 watts.
AYD/AYF.	5P/1876 Rectifiers, type 7C and 5J/2379 Accumulators, lead acid, 12v. 100 a.h. qty. 2.	27 V. D.C.
AN/APN-2 *** LORAN	105U/1895 Invertors, rotary type, Cap. 750 volt amperes, Cascade type, complete with Filter unit. plus one per workshop.	115 V. A.C.
	*5G/2029 Tester Generator fitted Generators KX.	1500 w. D.C.

*5G/2029 Tester Generator, 3 phase A.C.

***Scale of Issue for Rebecca = 1 per 10U/E.

(For Official use only)

I. A. P. 1503-A

(Old A.P. 830 (India) Vol. III Part 'A' Scale A-3)

SCALES OF EQUIPMENT FOR STANDARDS ROOMS IN MAINTENANCE UNITS SERVICE REPAIR DEPOTS AND D. A. I. S. EQUIPMENT

AMENDMENTS CERTIFICATE

The amendments promulgated in the undermentioned AMENDMENT List have been made in this publication.

Amendment List		Amendments made by	Date
No.	Date		

INDEX

TITLE PAGE

AMENDMENTS CERTIFICATE

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MEMORANDUM OF INSTRUCTIONS

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APPENDIX 'B'—D.A.-I.S. EQUIPMENT

5—6 I.A.F./65

MEMORANDUM OF INSTRUCTIONS

PURPOSE AND LAY OUT OF SCALES

1. This scale is issued to provide details of the authorised maximum holdings of equipment by A. I. S. Standards Rooms in India Command and therefore supersedes the scales SHOWN in A. P. 1917, column 17—Scales of Equipment for Aircraft Repair Depots, STANDARDS, Rooms.

2. This publication details only Unit Equipment (i.e. articles in USE) Servicing spares for this Unit Equipment and the Spares and Materials required for use in the work being executed are not included.

3. The total UNIT Equipment requirements of any Standards ROOM, therefore, will consist of :—

(a) The equipment shown in Appendix 'A'

plus (b) The equipment selected from Appendix 'B' in accordance with the commitments and capacity of the particular Standards Room. It should be noted that all DEMANDS for equipment in Appendix 'B', Section 63 B, require the authority of C.A.I.O., Air Headquarters, India.

4. The issue of this Scale constitutes the authortiy for the demanding and retention of all items shown herein, with the exception of those items in Appendix 'B', Section 63 B, See Para 3(b).

5. Column 8 of the publication is to be used by the unit for pencilled entries to be inserted showing actual holdings of equipment. This will serve the purpose of an INVENTORY, although the Scale is not to be regarded as an accounting document.

AMENDMENTS

Suggestions for amendments to the Scale are to be forwarded to Air Headquarters, India, through the normal channels.

Appendix A

SCALES OF EQUIPMENT FOR STANDARDS ROOMS IN MAINTENANCE UNITS—SERVICE REPAIR DEPOTS

APPENDIX A

Equipment for Standards Rooms in Maintenance Units—Service Repair Depots

Ref. No	NOMENCLATURE	REMARKS	Denomination of Quantity	Per Standards Room			
1	2	3	4	5	6	7	8
	SECTION 1A						
	BLOCKS :—						
	"VEE" :—						
65	1 inch.		Pr.	1			
70	2 inch.		,,	1			
3867	2½ inch. . . .		,,	1			
55	Block, Drill . . .	"For inspectorate of Explosives, AF Khamaria only"	EA	36			
3725	Block, scribing . .	Do.	,,	1			
621	Divider Spring . .	Do.	,,	12			
	BOBS, PLUMB :—						
85	8 ounces . . .		No.	2			
	BOXES TOOL :—						
	Standard :—		,,	1			
3716	Large . . .		,,	1			
3826	Medium . . .						
	CALIPERS COMMON:—		,,	1			
330	Inside, 8 inch. . .		,,	1			
331	Outside, 8 inch. . .						
	CALIPERS MICROMETER :—						
	Grade 'A' :—						
	External :—						
3884	0 inch—1 inch.		,,	1			
3885	1 inch—2 inch		,,	1			
3886	2 inch—3 inch.		,,	1			
3887	3 inch—4 inch.		,,	1			
2725	4 inch—5 inch.		,,	1			
2726	5 inch—6 inch.		,,	1			
3929	6 inch—7 inch.		,,	1			
3931	7 inch—8 inch.		,,	1			
2727	0 mm—25 mm.		,,	1			
2728	25 mm—50 mms.		,,	1			
2729	50 mm—75 mms.		,,	1			
2730	75 mm—100 mms.		,,	1			
2731	100 mm—125 mms.		,,	1			
2732	125 mm—150 mms.		,,	1			

1	2	3	4	5	6	7	8
	SECTION 1A—Contd.						
	Standards :—						
3756	1 inch.		No.				
3757	2 inch.		,,	1			
3758	3 inch.		,,	1			
3759	4 inch.		,,	1			
3760	5 inch.		,,	1			
			,,	1			
3834	Cases, plush Lined						
3835	,, ,, ,,		,,	2			
3836	,, ,, ,,		,,	2			
3837	,, ,, ,,		,,	2			
3838	,, ,, ,,		,,	2			
3839	,, ,, ,,		,,	2			
3930	,, ,, ,,		,,	2			
3932	,, ,, ,,		,,	1			
			,,	1			
	Internal :—						
2733	2 inch—12 ins.		,,	1			
2734	50 mm—100 mm.		,,	1			
3840	Cases, plush Lined.		,,	1			
3841	,, ,, ,,		,,	1			
	CALIPERS SPRING :—						
	Outside —						
2719	6 inch.		,,	1			
	CALIPERS VERNIER :—						
2735	4 inch Caliper.		,,	1			
3842	Case, Plush Lined.		,,	1			
2737	12 inch Caliper.		,,	1			
3842	Case, Plush Lined.		,,	1			
3510	CHARTS THREAD.		,,	1			
472	COMBINATION SETS.		,,	1			
	FILES :—						
	Bastard, 3 square :—						
939	6 inch.		,,	4			
	SECTION 1B						
	GAUGES :—						
4221	Cylinder.		,,	1			
4240	Dial, English 0-20-0		,,	1			
	Feeler :—						
4229	English 3 ins.		Sets.	1			
1203	Metric.		,,	1			
4079	Height.		No.	1			
	Radius :—						
2870	English 1/32″ to 1/4″		,,	1			
3372	,, 17/64″ to 1/2″		,,	1			
3530	Metric 1 mm. to 7 mm.		,,	1			
3373	,, 7·5 mm. to 15 mm.		,,	1			
4450	Screwcutting Thread Form		,,	1			
1229	Slide		,,	1			
4303	Slip, English		Sets.	1			
4212	Wire.		No.	1			
4282	Vernier, Depth 6 inch.		,,	1			
4298	,, 12 inch.		,,	1			
1183	Gauge Carpenter Marking	"For inspectorate of Explosives, AF Khamaria only."	,,	4			

1	2	3	4	5	6	7	8
	SECTION 1B—Contd.						
1197	Gauge Drill No. 1	For inspectorate of Explosives At Khamaria only	No.	1			
4186	Gauge Drill No. 2	Do.	,,	1			
1227	Gauge Screw pitch(Metric)	Do.	,,	3			
1228	Gauge Screw Pitch(Metric)	Do.	,,	7			
4048	Gauge Screw Pitch (B.A.)	Do.	,,	1			
4362	Gauge Telescopic.	Do.	Set.	9			
4306	Jack, Screw	Do.	EA	24			
2124	Rule Steel 6″	Do.	,,	18			
3175	Rule Steel 48 in.	Do.	,,	6			
	HAMMERS :—						
1325	Fitters, Ball Pane, 4 oz.		,,	1			
1340	Hide Faced No. 1		,,	1			
4185	Rubber $3\frac{1}{4}'' \times 1\frac{7}{8}''$		,,	1			
	INDICATORS :—						
2906	Test Dial.		,,	1			
4108	Dial Guage.		,,	1			
	LEVELS SPIRIT :—						
2923	10 inch.		,,	1			
4235	0-10 degrees.		,,	1			
4317	Stanley No. 34		,,	1			
4434	Starret Type.		,,	1			
	NEEDLES NIPPLE CLEANING :—						
2934	Type 'A'.		,,	8			
4197	Type 'B'.		,,	8			
	OILSTONES :—						
4435	Slip Arkansas, three square		,,	1			
4436	,, ,, ,, square.		,,	1			
1647	General Purpose Fine		,,	2			
	PENCILS :—						
4430	Etching, Electric, Type 'B'		,,	1			
	PLATES :—						
1769	Surface 12″×8″		,,	1			
4173	,, 36″×24″		,,	1			
1816	Protractors Bevel.		,,	1			
	SECTION 1C						
	SCREWDRIVERS :—						
2175	Ratchet.		,,	1			
2176	Watchmakers 3/16″×3″		,,	1			
3193	,, 3/16″×8″		,,	1			
2187	SCRIBERS, Fitters.		,,	1			
	SLIPS PARALLEL SOLID :—						
5498	No. 1.		,,	1			
5499	No. 2.		,,	1			
5500	No. 3.		,,	1			
6061	STOCKS 1/5/16		,,	1			
	SQUARES :—						
2298	Fitters Grade 'A' 4 inch.		,,	1			
2301	,, ,, ,, 12 inch.		,,	1			

1	2	3	4	5	6	7	8
	SECTION 1C—Contd.						
2420	Straight Edges, Steel 2 Ft.		No.	1			
6180	Tachometers Hand 1-1000 R.P.M.		,,	2			
	TAPES :—						
2441	Measuring Steel 50 feet.		,,	1			
5598	TRAMMELS Steel 42″ beam.		,,	1			
	VICES :—						
2607	Fitters 3¼″ Jaws.		,,	1			
2609	,, 4½″ ,,		,,	1			
	SECTION 1H						
8	MIRRORS, inspection.		,,	1			
	SECTION 4A						
7	BENCHES, Fitters.		,,	2			
725	TABLES, Marking Out 4′ × 3′		,,	1			
	SECTION 4G						
2376	Cleaners Vacuum.		,,	1			
	SECTION 5A						
3391 or 3392	TORCHES, electric. TORCHES, electric.		,,	2			
	SECTION 5G						
	AMMETERS :— Moving Coil, Type ‘A’ :—						
2435	Switchboard type 0·100.		,,	1			
	TESTERS :—						
152	Insulation Resistance Type C		,,	1			
1708	Megger Bridge, Type B		,,	1			
	VOLTMETERS :—						
880	Portable, 0·150.		,,	1			
	SECTION 5J						
	ACCUMULATORS :—						
2379	Lead Acid, 100 amp/hour.		,,	2			
	BATTERIES :—						
1164 or 1576	Dry, 45 volts :— No. 2, Type ‘A’ No. 2, Type ‘B’		,,	2			
	CELLS :—						
3187	No. 11, Type ‘B’.		,,	2			
1579	HYDROMETER, Sets.		Sets	1			
	SECTION 5U						
1635	AMMETERS :— Moving Coil :— Type B. 50-0-60.		No.	1			

1	2	3	4	5	6	7	8
	SECTION 6A						
779	INDICATIORS :— Engine Speed, electrical :— Mk. IVB, New Luminous.		No.	1			
	SECTION 6B						
221	WATCHES, Stop, Mk. 111A		,,	1			
	SECTION 6D						
1688	Gauges High Pressure (3000 lbs.)	"For inspectorate of Explosives, AF Khamaria".	,,	2			
	SECTION 6E						
275	GLASSES, Magnifying, 3".		,,	1			
272	RULES slide.		,,	1			
47	THERMOMETERS, Max. and Min.		,,	1			
	SECTION 13						
4	BOARDS, Drawing, Anti-quarian.		,,	1			
113	INSTRUMENTS, Drawing, Mk. 111.		Sets	1			
35	PROTRACTORS, Circular, Celluloid 9".		No.	1			
88	RULERS, Parallel, 18".		,,	1			
98	SCALES, 12 inch.		,,	1			
60	STRAIGHTEDGES 45 inch.		,,	1			
69	"T" SQUARES 54 inch.		,,	1			
	SECTION 21B						
890	CHAIRS, Fold Flat		,,	2			
959	CUPBOARDS, Common.	C/W. Two Keys	,,	1			
550	,, Dwarf.		,,	1			
491	TABLES, Portable, F.S.		,,	2			
	SECTION 22G						
408	GLOVES. Chamois Leather		Prs.	1			
	SECTION 32B						
399	LEATHER CHAMOIS : No. 1. Selection		No.	2			

Appendix B

D. A. I. S. EQUIPMENT

APPENDIX B

D. A. I. S. Equipment

Ref. No.	NOMENCLATURE	REMARKS	Denomination of Quantity	Class of Store			
1	2	3	4	5	6	7	8
	SECTION 63 A						
34	APPARATUS "Holophot" Photomicrographic.	Special equipment for D. A. I.S. Test Centres only.	Fa-	A			
	PROJECTORS :— Profile :—	Master Standards Rooms and Test Centres.					
1	Horizontal :— 220v. 3-phase, 40 cycles.	(Without screen or stand, 220v. 3-phase, 40 cycles)	,,	A			
32	230v. D.C.		,,	A			
26	230/400v. 3-phase, 50 cycles	(Without screen or stand)	,,	A			
25	440v. 3-phase. 50 cycles.	(Without screen or stand)	,,	A			
	Spares :—						
29	Lamps :— 100 w.220v. 3-phase, 40 cycles.		,,	A			
31	100 w.230/400v. 3-phase, 50 cycles.		,,	A			
30	100 w.440v. 3-phase, 50 cycles.		,,	A			
33	230v. D.C.	For projectors profile. horizontal (Ref. No. 32)	,,	A			
27	Lens, profile projector.		,,	A			
	Accessories :— Thread form diagram templates :—						
3	Sets :— B.A.	For comparing profile of threads by projection with projectors, ref. Nos. 1, 25 & 26.	,,	A			
	Consisting of :—						
16	No. 0	Qty. 1.	,,	A			
17	,, 1	,, 1.	,,	A			
18	,, 2	,, 1.	,,	A			
19	,, 3	,, 1.	,,	A			
20	,, 4	,, 1.	,,	A			
21	,, 5	,, 1.	,,	A			
22	,, 6	,, 1.	,,	A			
23	,, 7	,, 1.	,,	A			
24	,, 8	,, 1.	,,	A			

1	2	3	4	5	6	7	8
	SECTION 63A—Contd.						
2	Whitworth.	For comparing profile of threads by projection with projectors, ref. Nos. 1, 25 & 26.					
	Consisting of :—						
4	No. 9	Qty. 1.	EA.	A			
5	,, 10	,, 1.	,,	A			
6	,, 11	,, 1.	,,	A			
7	,, 12	,, 1.	,,	A			
8	,, 14	,, 1.	,,	A			
9	,, 16	,, 1.	,,	A			
10	,, 18	,, 1.	,,	A			
11	,, 19	,, 1.	,,	A			
12	,, 20	,, 1.	,,	A			
13	,, 22	,, 1.	,,	A			
14	,, 24	,, 1.	,,	A			
15	,, 26	,, 1.	,,	A			
73	Microscope Binocular	Qty. 1 for Inspectorate of Explosive AF Khamaria only.	,,	A			
90	Microscope Metallurgical	Qty. 3 for Inspectorate of Explosive AF Khamaria only.	,,	A			
35	Protractor Shadow	With vernier adjustment.	,,	B			
	SECTION 63B						
97	APPARATUS Testing Fabric Porosity.(RAE TYPE)	Comprising :— Testing Chamber 2 inch, differential dial draught gauge, Chattock tilting micro-manometer. Blower with electric driving motor, 220v. A.C. (A.I.S. Test Centres only).	,,	A			
	BALANCES : Yarn :—	For deciding the Counts of Cotton, Worsted, Silk and other yarns. (A.I.S. Test Centres only).					
47	Type 'A'	Beesleys (A.I.S. Test Centres only).	,,	A			
49	Type 'B'	Knowles Patent (A.I.S. Test Centres only).	,,	A			
	BARS :— Sine :—						
2	5 inch centre.		,,	A			
10	10 inch centre.	Master Standards Rooms and Test Centres only.	,,	A			
	Workshop combination lengths :—	(In wooden box)					
9 or 377	Sets W.B.I. Sets W.B.I.	Consisting of 12 bars, (lengths) 31 in, 23 in, 15 in, 8 in, 7 in, 6 in, 5 in, 4 in, 3 in, 2 in, and two of 1 in, complete with assembling studs.	Set	A			

1	2	3	4	5	6	7	8
	SECTION 63B—Contd.						
68	BLOCKS "VEE" :— 6 inch.	"ECLIPSE" Type.	Prs.	A			
209	CALIBRATION UNIT	For use with 63B/97	EA	A			
15	CALIPERS, VERNIER :— 36 in.	Master Standards Rooms and Test Centres only.	,,	A			
14	24 in		,,	A			
6	COMPARATORS :— Cylindrical, electrolimit 4 in.—Type 'H'.	Dual range, including gauge with large meter 4 in. stand, small swivel and back stop. (Master Standards Rooms and Test Centres only.)	,,	A			
OR							
69	Mechanical, Pillar :— 6 in. capacity.	"SIGMA" model MC. 13. Magnification 1500 (Master Standards Rooms and Test Centres only)	,,	A			
70	Accessories :— Stops, work.		,,	A			
72	Tables.		,,	A			
71	Tips, standard.	No. 3623.	,,	A			
74	DEKKORS, ANGLE :— Standard Model, with surface plate stand.	Hilger Type. (Master Standards Rooms and Test Centres only)	,,	A			
75	Accessories :— Cubes, stainless steel.		,,	A			
76	Eye-pieces, micrometer.		,,	A			
77	Gauges, slip, angle.	Consisting of 1 each 1, 3, 9, 14, 30, 60, 90 degrees.	Set	A			
78	Prisms. 90 degrees.		EA	A			
79	Squares, optical.	In mount, small size.	,,	A			
	DISCS, Reference :— Sets :	CONSISTING of :—					
8	No. 3.	10 discs, range 0-1 ins. to 1" × 1" increments.	Set	A			
50	No. 4.	5 discs, range 1·2" to 2" × 2" increments. 8 discs, range 2·25" to 4" × ·25" increments.	,,	A			
51	ELECTRODES	Clamps type.	EA	A			
88	EXTENSOMETERS	Lindley. Two in gauge length (A.I.S. Test Centres only)	Set	A			
	FLATS :— Optical :—						
55	1 in. diameter.	Consisting of 5 flats of the following thickness, 1 in. ·500 in., ·5062 in., ·5124 in., and ·5186 in., complete with case.	,,	A			
51	2 in. diamer.	In case.	EA	A			
7	8 in. (Toolmakers)	In mahogany case	,,	A			

1	2	3	4	5	6	7	8
	SECTION 63B—Contd.						
67	GAUGES :— Roller.	Hoffman Codeword "Ryzur"	Set	A			
90	Screw thread :— Wickman Caliper type :— BSS Medium fit. BSW thread.	12 per set, 1 each or 1/4", 5/16", 3/8" 7//16", 1/2", 9/16", 5/8", 3/4", 7/8", 1" 1-1/8", 1-1/4".	,,	A			
92	BSS 84 Medium fit, BSF thread	Sizes as for BSW. (Ref. No. 90)	,,	A			
94	Medium fit, BA thread	12 per set 0·6 BA. Intermediate sizes included.	,,	A			
95	Accessories :— Plugs setting :— B.A. thread	One plug for each gauge above For setting ref. No. 94	,,	A			
93	B.S.F. thread.	For setting ref. No. 92	,,	A			
91	B.S.W. thread.	For setting ref. No. 90	,,	A			
89	Slip :— English.	Set No. E28 Code word "SLIPH" (Coventry Gauge and Tool Co's Catalogue). Consisting of :— Range :— Slip :— Pins :— .0201" to .0209 .0001 9 .021" to .029 .001 9 .01" to .09 .01 9 .02905 1	,,	A			
62	Metric	Coventry Gauge Catalogue No. M405.	,,	A			
63	Accessories :— Holders and jaws.	Coventry Gauge Catalogue No. M405.	,,	A			
56	HEADS, DIVIDING.	Optical, complete with tail stock and set of tools in box. (A.I.S. Test Centres only)	,,	A			
57	Accessories :— Plates :— Base.	Centre distance 20 ins.	EA	A			
58	Face.	9·5 ins. diamater on No. 4 Mosse taper shank.	,,	A			
60	Transformer.		,,	A			
59	Sparse :— Lamps.	4·5 volts. 0·3 amps. M.E.S. cap clear makers No. E 230.	,,	A			
17	MACHINES :— Fabric Tensile Testing.	For Fabrics and Cords. For loads up to and including 500 lbs. per minute. Complete with the necessary weights, detachable grips for curves, etc. and fabric grips, without table. (A.I.S. Test Centres only.)	,,	A			

1	2	3	4	5	6	7	8
	SECTION 63B—Contd.						
	Measuring :—						
54	Effective Diameter "Sigma"	"Sigma" (Master Standards and Test Centres only) Capacity 0-4 inches diameter by 9 in. long with attchments for measuring old fluted taps (Master Standards Rooms and Test Centres only)	EA	A			
13	Screwpitch, "Sigma".		,,	A			
80	METERS :— Moisture :	Type T.F. 453.	,,	A			
73	MICROMETERS :— Stick	P.V.E. Type Capacity 6 ins. to 30 ft. 6 ins. complete with case, (A.I.S. Test Centres only)	,,	A			
52	OMTIMETERS :— Horizontal :— O. M. T.	Complete with standard equipment less external thread measuring attachment (Master Standards Rooms and Test Centres only)	,,	A			
	Spares :—						
53	Transformer.	200/400 v.	,,	A			
	PLATES, surface precision :— Circular :—						
11	14 in diameter.						
48	REELS, WRAP.	For inspection and measuring of cotton, silk or linen threads from bobbins into HAKKS. (A.I.S. Test Centres only)	,,	A			
—	RODS, MEASURING, effective DIAMETER (cylinders) :—	Master Standards Rooms and Test Centres only.)	,,	A			
		For use with ref. No. 54.	,,	A			
×	B.A. THREADS :—	Cylinder No. 26.	Prs.	A			
3	No. 0	,, ,, 28.	,,	A			
4	,, 1	,, ,, 32.	,,	A			
5	,, 2	,, ,, 34.	,,	A			
18	,, 3	,, ,, 40.	,,	A			
19	,, 4	,, ,, 5 B.A.	,,	A			
20	,, 5	,, ,, 48	,,	A			
21	,, 6			A			
410	Plates Angles, Precision	Qty. 14 for Inspectorate of Explosives AF Khamaria only.	EA	A			
520	Tester Hardness Vickers Pyramid.	Qty. 3 for Inspectorate of Explosive AF Khamaria only.	,,	A			

1	2	3	4	5	6	7	8
	SECTION 63B—Contd.						
	RODS, MEASURING, effective diameter (Cylinders)—(Contd. Whitworth Thread :—						
22	No. 3 T.P.I.	Cylinder No. 3.	Prs.	A			
23	,, 3·25 T.P.I.	,, ,, 3·25	,,	A			
24	,, 3·5 T.P.I.	,, ,, 3·5	,,	A			
25	,, 4 T.P.I.	,, ,, 4	,,	A			
26	,, 4·5 T.P.I.	,, ,, 4·5	,,	A			
27	,, 5 T.P.I.	,, ,, 5	,,	A			
28	,, 6 T.P.I.	,, ,, 6	,,	A			
29	,, 7 T.P.I.	,, ,, 7	,,	A			
30	,, 8 T.P.I.	,, ,, 8	,,	A			
31	,, 9 T.P.I.	,, ,, 9	,,	A			
32	,, 10 T.P.I.	,, ,, 10	,,	A			
33	,, 11 T.P.I.	,, ,, 11	,,	A			
34	,, 12 T P.I.	,, ,, 12	,,	A			
35	,, 14 T.P.I.	,, ,, 14	,,	A			
36	,, 16 T.P.I.	,, ,, 16	,,	A			
37	,, 18 T.P.I.	,, ,, 18	,,	A			
38	,, 20 T.P.I	,, ,, 20	,,	A			
39	,, 22 T P.I.	,, ,, 22	,,	A			
40	,, 24 T.P.I.	,, ,, 24	,,	A			
41	,, 26 T.P.I.	,, ,, 26	,,	A			
42	,, 28 T.P.I.	,, ,, 28	,,	A			
43	,, 32 T.P.I.	,, ,, 32	,,	A			
44	,, 34 T.P.I.	,, ,, 34	,,	A			
45	,, 40 T.P.I.	,, ,, 40	,,	A			
46	,, 48 T.P.I.	,, ,, 48	,,	A			
64	SQUARES :— Fitters, Precision 24 in.		EA	A			
82	STEELESCOPES, Speaker. Accessories :—	(For use in metal stock yards)	,,	A			
83	Rods :— Iron	1/2″ square z 6 in. long.	Prs.	B			
84	Steel :— Type 'A'.	For determination of chromium Tungsten and Vanadium. For detection of Titanium.	,,	B			
85	Type 'B'.		,,	B			
86	Type 'C'.	For determination of Chromium Manganese and Nickel and detection of Molybdenum.	,,	B			
87	Type 'D'.	For determination of Molybdenum.	,,	B			
	STRAIGHT EDGES :—						
65	Toolmakers :— Sets.	Complete in case.	Sets	A			
1	TACHOMETERS.	"Hasler" Type A.	EA	A			
12	TAPES, measuring.	Steel 5/8″ wide 40 ft. long.	,,	A			
61	WEIGHTS, dipping.	Brass.	,,	A			

1	2	3	4	5	6	7	8
	SECTION 63B—Contd.						
96	Gauges Slip English Calibration Standard.	Set of 81 pieces comprising :— *Range* *Steps* *Pieces* ·1001 in. to ·1009 in. ·0001 in. 9 ·101 in. to ·149 in. ·001 in. 49 ·05 in. to ·95 in. ·05 in. 19 1 in. to 4 in. 1 in. 4	Set	A			
228	Prism Core Diameter size 'A'		Pair	A			
229	,, ,, ,, ,, 'B'		,,	A			
230	,, ,, ,, ,, 'C'		,,	A			
231	,, ,, ,, ,, 'D'		,,	A			
404	Gauges Dial Indicator Precision 2 1/4 dia.		EA	A			
412	Stand Universal		,,	A			
406	Assemblies Lever and Bracket		,,	A			
407	Machines, Measuring Internal dia.	Mollert type	,,	A			
	Accessories :—						
408	Adapters, Special Reference Standards set :—	For use with ref. No. 407 on plain rings Complete in case.	,,	A			
	Consisting of :—						
510	Blade jaw, 55° vee-grooved		Pair	A			
518	,, ,, ,, ,,		,,	A			
519	,, ,, 60° ,, ,,		,,	A			
511	,, ,, ,, ,,		,,	A			
509	,, ,, Plane		,,	A			
512	Cases		EA	A			
508	Holder, jaw Blade, adjustable		,,	A			
409	Styles measuring, effective dia.		Set	A			
410	Plates Angles Precision		EA	A			
411	Square Blocks Precision		,,	A			
517	Levels, Precision.	10 second, Type 1 to D.S.S. 958.	,,	A			
NIV	Micrometer Screw Head (Manufactured by Coventry Guages and Tool Coy.)		,,	..			
	SECTION 63C						
72	Thermometer 0° to 150° F	Max. and Min. with table	,,	B			
73	Hygrometers percentage	45° to 90° F	,,	B			
	SECTION 63D						
4	Phrometers testing furnace	..	,,	A			
11	Meters precision multirange	Model 44. Substandard	,,	A			
	SECTION 263B						
101	Introscope	Qty. 1 for Inspectorate of Explosive A. F. Khamaria only.	,,	A			

I. A. P. 1503-A
Scale No. A-4
(Old. A P. 830 Vol. III
Part A Scale A-4)

SCALES OF ANTI-GAS EQUIPMENT FOR PERSONNEL AND GAS DECONTAMINATION BUILDINGS

AMENDMENTS CERTIFICATE

The amendments promulgated in the undermentioned amendment list have been made in this publication.

Amendment List		Amendments Made by	Date
No.	Date		

INDEX

TITLE PAGE

AMENDMENTS CERTIFICATE

INDEX

MEMORANDUM OF INSTRUCTIONS

SCALES OF ANTI-GAS EQUIPMENT, PARTS I, II, III, IV

PART I.—Scales of protective and anti-gas equipment for issue to personnel (Officers and Airmen).

PART II.—Scale of equipment for Gas Defence Centre.

PART III.—Scale of equipment for Unit Anti-Gas Training requirements.

PART IV.—Scale of equipment for Respirator Maintenance and Repair.

MEMORANDUM OF INSTRUCTIONS

1. The scales contained in this publication are the authority for the issue of equipment to all stations, units and sections specified therein.

2. The general principles of equipment accounting laid down in IAP 1501, I are to be followed in all cases when dealing with these scales.

3. In cases where an individual considers amendment to any scale in this publication necessary he is to forward his suggestions to Air Headquarters, India through the usual channels.

4. This publication is to be kept up to date by means of periodical amendments which are to be inserted as directed.

C. G. D. A's Office
LIBRARY

SCALE A4, PART I

SCALE OF PROTECTIVE AND ANTI-GAS EQUIPMENT ISSUED TO PERSONNEL (OFFICERS AND AIRMEN)

SCALE OF PROTECTIVE AND ANTI-GAS EQUIPMENT ISSUED TO PERSONNEL (OFFICERS AND AIRMEN)

Scale A4

PART I

Ref. No.	Nomenclature	Remarks	Denomination of Quantity	Initial Personnel Issue Per Individual	
1	2	3	4	5	6
	SECTION 23 A				
45	OINTMENT, anti-Gas .		Tins	1	
159/161	RESPIRATORS anti-gas G. S.	(a) Only to be issued to the following Personnel, Aircrew, Armourers, Fabric workers, personnel engaged on aircraft and M. T. Maintenance, and Teleprinters operators.	No.	1(*a*)	
165/167	RESPIRATORS, anti-gas G. S.		,,	1	
	SECTION 23 B				
3	EYESHIELDS (Plain).		Prs.	3	
14	EYESHIELDS (Tinted)		,,	3	
	SECTION 32 B				
53	COTTON, waste . .		oz.	1	

7—6 I. A. F./65

SCALE A4, PART II

SCALE OF EQUIPMENT FOR GAS DEFENCE CENTRE

SCALE OF EQUIPMENT FOR GAS DEFENCE CENTRE

Scale A4

PART II

Ref. No.	Nomenclature	Remarks	Denomination of Quantity	See Note in remarks column	
1	2	3	4	5	6
	SECTION 1A	*Note.*—This Scale is sufficient for up to four decontamination squads	No.	2	
3849	AXES, pick, 8 lb.		—		
	SECTION 1B				
4464	OPENERS, drum, bleach, 16 in.		No.	1	
	SECTION 1C				
3200	SHOVELS, G. P.		,,	2	
3209	SPADES		,,	2	
	SECTION 4K				
1446	DETECTORS, gas spray		,,	5	
1447	HANDLES, detecor, ground		,,	12	
1151	PICKETS, airfield defences:—Screws long.		,,	12	
1445	SIGNS, warning, gas		,,	25	
	SECTION 5A				
2125	LAMPS, hand :— Type 'C'.	With filament lamp	,,	3	
	SECTION 5J				
	BATTERIES, dry :— 4·5 Volts :— No. 4 :—				
1531	Type 'A' . . .	(*a*) As required for lamps, hand, the type (Ref. No. 5A/2125) Type 'A' Batteries for home, type 'B' Batteries for overseas.	,,	(*a*)	
or 1573	Type 'B' . . .		,,	(*a*)	
	SECTION 21B				
	BRUSHES :—				
727	Distemper	..	,,	3	

1	2	3	4	5	6
	SECTION 21 B—Contd.				
52	Scrubbing, hand :— Bass		No.	2	
771	Long: —		,,	4	
	SECTION 21 C				
1425	BARROWS, water, 15 gall.		,,	1	
1996	BINS, ash, black painted, large		,,	1	
1318	LAMPS, hurricane		,,	6	
	GLOBES :—				
1106	Clear		,,	6	
367	PAILS, iron		,,	4	
520	SIEVES, cinder		,,	2	
	STOVES, oil, heating :—				
846	Domestic Type	For use in the changing room.	,,	1	
1412	WHEEL BARROWS		,,	2	
	SECTION 21 F				
	COUPLINGS :—				
	2½ in. waterway :—				
..	Female	Type to suit station fittings	,,	1	
—	Male		,,	1	
	HOSE :—				
	Canvas :—				
142	100 ft. lengths		Length	1	
	Accessories :—				
30	Clips securing		No.	2	
223	Wrenches		,,	2	
107	KEYS, "T" water		,,	1	
	NOZZLES :—				
390	1½ in. waterway short		,,	2	
	PIPES :—				
—	Branch :— 2½ in. waterway :— 18 in.	Type to suit station fittings	,,	2	
—	Stand :— 2½ in. waterway		,,	2	

1	2	3	4	5	6
	SECTION 22G				
	SUITS :—				
	Combination :—				
708/719	Khaki drill		Prs.	7	
	SECTION 23B				
64	ARMLETS, orange		No.	14	
27/29	GLOVES, Oilskin		Prs.	28	
5	HOODS		No.	7	
6	OVERBOOTS, Heavy		Prs.	14	
15	OVERMITTENS		,,	14	
	SUITS, light :—				
8	Jackets, light No. 1		No.	14	
9	Trousers, light No. 1		Prs.	14	
	SECTION 32A				
	CORDAGE, sisal :—				
98	Bolt rope, $\frac{5}{8}$ in.	100 ft. lenghts	Length	3	
	SECTION 32B				
242	COTTON, rags, ordinary quality 1 cwt. bags or bales		Cwt.	2	
564	PAPER duplex	For anti-gas pathways	Yds.	25	
	SECTION 33A				
	PAINT :—				
	Detector gas :—				
530	No. 2, 2 lb. tins	(*e*) 1 lb. for each I.E. and I. R. aircraft. 1 lb. for each M.T. Prime Mover.	Lb.	(*e*)	
246	SPIRIT, white	For use with Ref. No. 530	Galls.	1	
	SECTION 33C				
	PAPER :—				
	Detector gas :—				
	Ground :—				
574	Strips, 4 in. x $1\frac{1}{2}$ in.		Books	1	
622	Type 'A'		,,	3	

1	2	3	4	5	6
	SECTION 33F				
359	BLEACH :— Super-tropical :— 3—4 cwt. containers	Quantity to include small supply for sick annex. Containers as appropriate	Tons	2½	
	SECTION 40D				
293	BAGS, cotton		No.	50	
443	BAGS, paper	(*a*) 7% of establishment.	,,	(*a*)	
373	CANS, 2 gallons		,,	2	
	MISCELLANEOUS				
A. F. Form 1382	LABELS :— Identification of contaminated equipment		,,	25	

SCALE A4, PART III

SCALE OF EQUIPMENT FOR UNIT ANTI-GAS TRAINING REQUIREMENTS

SCALE OF EQUIPMENT FOR UNIT ANTI-GAS TRAINING REQUIREMENTS

Scale A4

PART III

Ref.No.	Nomenclature	Remarks	Denomination of Quantity	Per Unit	
1	2	3	4	5	6
	SECTION 1B				
1521	LAMPS, spirit . .	1 per Gas Chamber for heating capsules.	No.	1	
	SECTION 12G				
1109	BRUSTERS:— Bombs, ground training Mark II.		,,	24	
	SECTION 12M				
1	AMPOULES:— D.M.	(*a*) 15 per 100 personnel	,,	(*a*)	
39	BOMBS, ground training:— Empty, Mark II . .		,,	24	
52	CAPSULES, lachrymatory Mk. III.	(LL) as required . .	,,	(LL)	
60	GENERATORS:— Chemical smoke, No. 20 Mk. I.	Per station or less for small units.	,,	12	
61	Lachrymatory No. 2 Mk.IV	Per 100 personnel. .	,,	5	
171	MIXTURES:— G. T. M. 2D . .	Per 100 personnel . .	Galls.	8	
	SECTION 33C				
	WAR-GASES:—				
	Smelling samples:—				
758	Large	For special use only .	Sets	..	
757	Small		,,	1	
	MISCELLANEOUS				
AD1156	AIR DIAGRAMS:— Respirators anti-gas .		No.	1	
AD1189	Civilian duty . .		,,	1	

SCALE A4, PART IV

SCALE OF EQUIPMENT FOR RESPIRATOR MAINTENANCE AND REPAIR

SCALE OF EQUIPMENT FOR RESPIRATOR MAINTENANCE AND REPAIR

Scale A4

PART IV

Ref. No.	Nomenclature	Remarks	Denomination of Quantity	Per Unit	
1	2	3	4	5	6
	SECTION 1A				
N.I.V.S.O Code No. 30/14	BRUSHES:— Camel hair, No. 1 water colour.	For lettering containers, see para, 7 sub-para. xii (*b*) of A.P.1510, Vol.I.	No.	1	
2705	Lining, fitches, ½ in.		,,	1	
	SECTION 1B				
2940	NEEDLES, packing twine	For haversack repairs .	,,	4	
1805	PLIERS, sidecutting:— Plain handle, in. . .	Per 100 pesonnel . .	Prs.	1	
	SECTION 1C				
2154	SCISSORS, laboratory .	For harness repairs .	,,	2	
2161	SCREWDRIVERS, common 4 in.		No.	2	
	SECTION 16B				
	OUTFITS, repair No. 1:—				
2206	Solution, rubber . .		Tins	2	
	SECTION 22A				
48	SEWING, cotton:— Machine:— Khaki, No. 30/6 cord .	For haversack repairs .	1000 yd. cops.	2	
	SECTION 23A				
16	CLOTHS, disinfection .	(*n*) 10% of establishment	No.	(*n*)	
75	RESPIRATORS, anti-gas:— General service:— Containers type 'E':— Valves, inlet:— No. 3A.	(*p*) 5% of establishment	,,	(*p*)	
217	Pins check . . .	(*w*) 1% of establishment .	,,	(*w*)	
61	Face-pieces:— Discs, eyepiece, Mk. II .		,,	100	
79	Guards valve:— Mark V . . .	(*g*) 2% total station establishment.	,,	(*g*)	

1	2	3	4	5	6
	SECTION 23A—Contd.				
	RESPIRATORS, anti-gas:— General service:— Face-pieces:— Harness, No. 4:—				
48	Loops harness, Mk. II	(*r*) 15% of establishment.	No.	(*r*)	
81	Pads, rubber . .	(*p*) 5% of establishment	,,	(*p*)	
50	Tags, harness, Mk. II .		,,	(*r*)	
85	Webbing, elastic, ¾ in. .	Per 100 personnel. .	Yds.	8	
	Rims eyepiece:—				
82	Inner Mark III . .		No.	(*p*)	
83	Outer Mark III		,,	(*p*)	
55	Tubes, Connecting, No. 2 Mark II . . .	(*g*) 2% total station establishment.	,,	(*g*)	
69	Valves, outlet, No. 2 Mark II . . .		,,	(*p*)	
70	Plates, check, Mk. I .		,,	(*p*)	
84	Washers, eyepiece rubber	(*n*) 10% of establishment	,,	(*n*)	
	HAVERSACKS:—				
102	Hooks:— "S"		,,	(*p*)	
104	Loops "D":— 9/16 in. . . .		,,	(*p*)	
105	1 in. . . .		,,	(*p*)	
94	Slings		,,	(*p*)	
	ACCESSORIES:—				
62	Keys:— Removing eyepiece disc:— Mark I .		,,	2	
143	Mark II . . .		,,	2	
25	Securing valve guard .		,,	2	
8	Tape adhesive ½ in. .	Per 100 personnel . .	Rolls	2	
67	Tools, inlet valve:— No. 3A, Mark I:— Extracting . . .		No.	2	
68	Positioning . . .		,,	2	
98	No. 4, Mark I:— Extracting . . .		,,	2	
99	Positioning . . .		,,	2	
42	Wires, binding:— 11 in. . . .		,,	150	

1	2	3	4	5	6
	SECTION 32A				
11	LINES, whipcord . .		Ft.	52	
	SECTION 33A				
452	PAINT, prepared for use:— General purpose:— Red oxide of iron:— 1 pint containers .		No.	1	
	SECTION 33C				
655	JELLY, petroleum:— 1 pint containers .		No.	2	
	SECTION 33D				
95	NAPHTHALENE . .		Lb.	1	
	SECTION 33F				
354 or 374 or 353	FORMALDEHYDE:— ½ gall. bottles . . 1 gall. containers . 5 gall. containers .	(s) As required. Ref. Nos. 354 and 374 are home and Ref. No. 353 for overseas units.	Galls.	(t)	

(*For Official use only*)

I. A. P. 1503-A

(Old A. P. 830 Vol. III Part 'A' Scale A-5)

EQUIPMENT SCALES FOR THE AIR FORCES IN INDIA

SCALES A-5

TRADESMEN'S TOOL KITS

[Also applicable to the Personnel of Auxiliary Air Force Squadrons]

CERTIFICATE OF AMENDMENTS

Amendment list		Amedments made by	Date
Number	Date		

MEMORANDUM OF INSTRUCTIONS.

The scales contained in this publication detail the contents of the various tradesmen's tool kits for use by the Air Forces.

2. Issues in excess of quantities authorised by these scales or of additional items will not be made without prior authority of Air Headquarters, New Delhi.

3. The general principles laid down in I.A.P. 1501 are to be followed in all cases when dealing with tradesmen's tool kits.

4. The scale of issue of tradesmen's tool kits is one per tradesman below the rank of sergeant, except in the case of tool kits issued to Instructors for Instructional purposes for which special authority will be issued by Air Headquarters, New Delhi.

5. In cases where an individual considers amendment to any scale in this publication necessary, he is to forward his suggestions to Air Headquarters, New Delhi through the usual channels.

6. This publication is to be kept up-to-date by means of periodical amendments which are to be inserted as directed.

7. Tools rendered surplus by the introduction of the new scales are to be withdrawn from the tradesmen and returned to stores.

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TITLE PAGE

CERTIFICATE OF AMENDMENTS

MEMORANDUM OF INSTRUCTIONS

INDEX TO SCALES

PART 1—Armourer (Group II).

PART 2—Blacksmith.

PART 3—Carpenters I and II.

PART 4—Fitter I, Fitter II Engines & Fitter II Airframes.

PART 5—M. T. Ms. and F. M.Ts.

PART 6—Fitter Armourer.

PART 7—Electrician I.

PART 8—Metal Worker.

PART 9—Wireless Operator Mechanic (Group II) & Radar Operator (Group II).

PART 10—Instrument Repairer (Group II) & Electrician (Group II).

PART 11—Wireless Operator Mechanic (Group I) & Radar Mechanic (Group I).

PART 12—Flight Signaller (Signaller Air).

PART 13—Flight Mechanic 'A' & Flight Mechanic 'E'.

PART 14—Instrument Repairer (Group I).

PART 15—A. I. S. Inspectors (Armament & Explosives).

PART 16—A. I. S. Inspectors (F. I., F. IIA, F. IIE).

PART 17—A. I. S. Inspectors (Instrument repairer, Electrical, Photo/Mech. or signals).

PART 18—Photo Mechanic.

PART 19—Electricians I and II.

PART 20—Armourer and Fitter Armourer.

PART 21—Instrument Repairer I and II.

PART 22—F. M. E., F.IIE, F. M. A, F. IIA and FI.

PART 23—Flight Engineers.

PART 24—Tradesmen's Tool kit for technicians of all group I and II trade connected with aircraft servicing working on French aircraft.

PART 25—

PART 26—

PART 27—Tool Kit for Painter.

PART 28—Tool Kit for mouldering.

SCALE A-5, PART I

TRADESMEN'S TOOL KITS ARMOURER

Also for use by ARMOURER (Guns), ARMOURER (Bombs) and INSTRUCTORS (Machine Gun)

I. A. P. 1503-A—SCALE A-5—PART 1

Armourer (Group) II

Stores Ref. 1*E*/5023—Contents of Tool Kit as shown below:

NOTE.—This tool kit is for use of Armourer II working on British Aircraft only.

Ref. No.	Nomenclature	Details & Remarks	Denom. of Qty.	Qty.
1	2	3	4	5
	SECTION 1A			
2676	Bags tool General Purposes		EA.	1
2693	Brush Engine Cleaning		,,	1
634	Drift Copper 1/2″ × 6½″		,,	1
1124	File H.S.E. Smooth 6″		,,	1
	SECTION 1B			
1329	Hammer B.P. 11b.		,,	1
4582	Hammer Cellulose face 12 ozs.		,,	1
1396	Handles File No. 3		,,	1
4406	Nipper diagonal cutting pointed nose 5″		,,	1
1775	Pliers side cutting insulated 8″		,,	1
1834	Punches round tapered point 1/8″ Octag. 7/16″ × 5″		,,	1
4475	Handles Hammer No. 5 for Hammer 1B/1329.		,,	1
	SECTION 1C			
2175	Screw driver ratchet 5″ × 1/4″ point.		,,	1
2163	Screw driver Common 6″ × 3/8″ point.		,,	1
	SECTION 1E			
5028	Cans oil M.G. Mark I		,,	1
	SECTION 1L			
28	Angular set spanner (15) Open jaw double ended 0 × 2BA.		,,	1
166	Angular set spanner (15) Open jaw double ended 2 × 3BA.		,,	1
29	Angular set spanner (15) Open jaw double ended 4 × 6BA		,,	1
154	Angular set spanner (15) Open jaw double ended 1/8″ × 3/16″ BSW.		,,	1
24	Angular set spanner (15) Open jaw double ended 3/16″ × 1/4″.		,,	1
25	Angular set spanner (15) Open jaw double ended 5/16″ × 3/8″		,,	1
26	Angular set spanner (15) Open jaw double ended 7/16″ × 1/2″.		,,	1
	SECTION 29 G			
2140 or 1277	Padlock 1″ or 1¼″ or Godrej Small		,,	1

NOTE (iii).—The following additional tools to be held as required separately from the above Tool Kit, only as appropriate to the types of Gun held by the unit. Reference to the relevant Airframe Inventory Appendix 'A' should be made to determine the type of armament of the Aircraft.

1	2	3	4	5	6
	SECTION 1A				
3715	CANS, lubricating oil small	For use with ·500 in. Browning guns.	No.	1	
	SECTION 1B				
4110	GAUGES :— Feeler, English, 4 in.	For Vickers ·303 in. M.G. synchronising gear.	,,	1	
	SECTION 1C				
2175	SCREWDRIVERS :— Ratchet	For Browning ·303 in. or ·300 in. M.G.	,,	1	
5029	SPANNERS :— Double Ended :— ½ in. × 9/16 in. Whit.	For Browning ·303 in. M.G. synchronising gear.	,,	1	
	SECTION 1E				
5027	BRUSHES, cylinder clean-rod, Lewis ·303 in. M.G. Mark I.	For Lewis or Vickers G.O. ·303 in. M.G.	,,	1	
3616	DRIFTS :— No. 5.	For use with ·500 in. Browning guns.	,,	1	
5122	No. 6.	For Browning ·303 in. or ·300 in. M.G.	,,	1	
5125	No. 9.	For Browning ·303 or ·300 M.G.	,,	1	
5173	IMPLEMENTS, loading.	To be manufactured locally. For Browning ·303 in. or ·300 in. M.G. Only for use with aircraft not fitted with Turrets.	,,	1	
5042	MOPS, cylinder cleaning rod, Lewis ·303 M.G. Mark I.	For Lewis or Vickers G.O. ·303 in. M.G. and Shotguns.	,,	2	
5118	PUNCHES, copper faced ⅜ in.	For Browning ·303 in. or No. ·300 in. M.G.	,,	1	
5046	RODS, cleaning :— ·303 in. M.G. Lewis, Mark I, cylinder	For Lewis or Vickers G.O. .33 in. M. G. and Shotguns.	,,	1	

See Note (iii) on page 108.

1	2	3	4	5	6
	SECTION 1E—Contd.				
	SPANNERS :— ·303 in M.G. :— Browning "C"				
5114	Pneumatic gear.	For Browning ·303 in. M.G. pneumatic gear.	No.	1	
5051	Lewis, Mark I.	For Lewis ·303 M.G.	,,	1	
5144	Vickers G.O. Mark I— Flash Eliminator.	For Vickers G.O. ·303 in. M.G.	,,	1	
5143	Gas Plug.	For Vickers G.O. ·303 in. M.G. and Hispano 30 MM Guns.	,,	1	
5208	TOOLS :— Cable, cutter, sets.	For use in heavy or medium bomber squadrons equipped with cable cutters.	Sets.	1	
5120	Combination— ·303 in. M.G.— Browning.	For Browning ·303 in or ·300 in. M. G.	No.	1	
	SECTION 7A				
284	GUNS, Lewis, ·303 in :— Accessories :— Balances, spring combination :— Mark I.	For Lewis ·303 in. M.G. or Vickers ·303 in. M.G.	,,	1	
	SECTION 8D				
2682	TOOLS :— Guns :— Hispano, 20 MM :— Spanners :— Muzzle nut.	For use with Hispano 20 MM Mark V guns fitted with muzzle nut.	,,	1	
2532	Vickers Class 'S' gun :— Magazine loading	To be manufactured locally.	,,	1	
2426	Rods, cartridge ejector		,,	1	
	SECTION 108D				
46	BRUSHES, cleaning :— Browning M.G., brass. ·300 in.	For use with ·300 in Browning guns.	,,	2	
47	·500 in.	For use with ·500 in. Browning guns.		2	
77	Chamber.	For use with ·300 in and ·500 in. Browning guns.		1	
63	CANS, oil— Buffer filling—	For use with ·500 Browning guns.	,,	1	

See Note (iii) on Page 108.

1	2	3	4	5	6
	SECTION 108D—Concld.				
	CASES, jointed, cleaning rod :—				
39	·300 in Browning M.G.	For use with ·300 in. Browning guns.	No.	1	
40 or 86	·500 Browning M.G. / ·500 Browning M.G.	For use with ·500 in. Browning guns.	,,	1	
	EXTRACTORS ruptured cartridge :—				
51	·300 in.	For use with ·300 in. Browning guns.	,,	1	
102	·500 in.	For use with ·500 in. Browning guns.	,,	1	
	RODS, cleaning, jointed :—				
42	·300 in. Browning M.G.	For use with 300 in. Browning guns.	,,	1	
37 or 84	·500 Browning M.G. / ·500 Browning M.G.	For use with ·500 in. Browning guns.	,,	1	
	TOOLS				
31	Carbon removing	For use with ·300 in. and ·500 in. Browning guns.	,,	1	
32	Combination ·300 in. Browning M.G.	For use with ·300 in. Browning guns.	,,	1	
33	Release	For use with ·300 in. and ·500 in. Browning guns.	,,	1	
	WRENCHES :—				
35	Combination, No. 2.	For use with ·500 in. Browning guns.	,,	1	

SCALE A-5, PART 2

TRADESMEN'S TOOL KITS

BLACKSMITH

Also for use by BLACKSMITHS & WELDERS

Blacksmith

Stores Ref. IB/4082—Contents of Tool Kit, as shown below :

NOTE.—For use also by Blacksmiths and Welders,

Ref. No.	Nomenclature	Details and Remarks	Denom. of Qty.	Qty.
1	2	3	4	5
	SECTION 1A			
6	APRONS, basil, brown.		No.	1
	BITS, smiths :—			
177	Countersink, rose.		,,	1
	Rimer :—			
178	Half-round.		,,	1
179	Square.		,,	1
3716	BOXES, tool, standard, large.		,,	1
176	BRACES, smiths.		,,	1
	CALIPERS, Common :—			
330	Inside, 8 in.		,,	1
331	Outside, 8 in.		,,	1
2738	CARD, scratch.		In.	6
	CHISELS :—			
	Chipping :—			
409	Cold, 8 in. × 3/4 in.		No.	1
2741	Cross-cut.		,,	1
	Smiths', wood handles :—			
437	Cold.		,,	1
438	Hot.		,,	1
481	COMPASSES, wing 10 in.		Prs.	1
537	CUTTERS, anvil, flat.		No.	1
	FILES :—			
	Bastard :—			
905	Half-round 14 in.		,,	1
910	Hand safe edge, 10 in.		,,	1
923	Round, 8 in.		,,	1
939	Three-square, 6 in.		,,	1
1001	Dreadnought, 12 in.		,,	2
1151	Smooth, square, 10 in.		,,	1
1169	FLATTERS, smiths'.		,,	1
	FULLERS, smiths' :—			
2860	Bottom 1/2 in.		,,	1
2865	Top, 1/2 in.		,,	1
	SECTION 1B			
	HAMMERS :—			
	Fitters :—			
	Ball pane :—			
1329	16 oz.		,,	1
1332	32 oz.		,,	1
1373	Sledge, straight pane, 10 lb.		,,	1
	HANDLES, file :—			
1394	Large.		,,	4
1396	Small.		,,	3
1809	PLIERS, sidecutting, plain handle 8 in.		Prs.	
1812	POKERS, smiths.		No.	1

9—6 I.A.F./65

1	2	3	4	5
	SECTION 1B—Contd.			
	PUNCHES :—		No.	1
1821	Centre.			
	Smiths :—			
	Round :—			1
2981	1/4 in.		,,	1
2983	1/2 in.		,,	
				1
3017	RAKES, blacksmiths.		,,	4
2120	RODS, smiths iron.		,,	
	RULES :—			1
2122	Brass		,,	
	SECTION 1C			
				1
2165	SCREWDRIVERS, common 12 in.		,,	1
2187	SCRIBERS, fitters.		,,	1
2200	SLICES, smiths.		,,	
	SPANNERS :—			
	Adjustable :—			1
2222	6 in.		,,	1
2224	9 in.		,,	
	SQUARES :—			1
2306	Smiths 18 in. × 9 in.		,,	
	SWAGES :—			1
3249	Bottom, 3/8 in. and 1/2 in.		,,	1
3259	Top, 1/2 in.		,,	
	TONGS :—			
	Smiths :—		Prs.	1
2444	Bolt.			
	Forge :—			1
2446	Large.		,,	1
2447	Small.		,,	1
2448	Hollow bit.		,,	1
2449	Plier.		,,	
	TOOLS :—		No.	1
2453	Forming.		,,	1
2616	VICES, hand, 16 oz.			
	SECTION 29			
2067	PADLOCKS, iron, 2 in. special.		,,	1

SCALE A-5, PART 3

TRADESMEN'S TOOL KITS

CARPENTERS I AND II

Carpenters I and II

Stores Ref. 1*B*/4083—Contents of Tool Kit, as shown below :

Ref. No.	Nomenclature	Details and Remarks	Denom of Qty.	Qty.
1	2	3	4	5
	SECTION 1A			
	AWLS, brad :—			
3872	Blades, 1/8 in.		No.	1
20	Handles, large.		,,	1
49	BEVELS, sliding, 10½ in.		,,	1
	BITS, carpenters :—			
	Auger :—			
106	¼ in.		,,	1
108	5/16 in.		,,	1
107	⅜ in.		,,	1
109	7/16 in.		,,	1
110	½ in.		,,	1
111	9/16 in.		,,	1
112	⅝ in.		,,	1
2681	11/16 in.		,,	1
113	¾ in.		,,	1
114	13/16 in.		,,	1
115	7/8 in.		,,	1
116	15/16 in.		,,	1
117	1 in.		,,	1
2683	Countersink, rose.		,,	1
150	Screwdriver.		,,	1
3716	BOXES, tool, standard, large.		,,	1
	BRACES :—			
152	Carpenters'. 10 in. sweep.		,,	1
345	CANS, lubricating oil, large.		,,	1
	CHISELS, firmer :—			
385	¼ in.		,,	1
387	½ in.		,,	1
389	¾ in.		,,	1
393	1¼ in.		,,	1
	FILES :—			
	Saw, taper, second cut, single:—			
1021	3 in.		,,	1
	SECTION 1B			
	GAUGES :—			
	Carpenters :—			
4443	Mortice and marking (Combined).		,,	1
1243	GIMLETS, 3/16 in.		,,	1
	GOUGES :—			
	Firmer :—			
1259	⅜ in.		,,	1
1262	⅝ in.		,,	1
	HAMMRES :—			
1311	Carpenters.		,,	1
1394	HANDLES, file, large.		,,	1
	MALLETS .—			
1547	Carpenters.		,,	1
	OILSTONES :—			
1647	General purposes, fine.		,,	1
1708	PINCERS, carpenters.		Prs.	1
	PLANES :—			
1723	Jack.		No.	1

1	2	3	4	5
	SECTION 1B.—Contd.			
	PLANES—Contd.			
1732	Smoothing, iron, adjustable.		No.	1
	PUNCHES :—			
1830	Nail or pin 1/16 in.		,,	1
	RASPS :—			
1886	Rough, 12 in.		,,	1
2121	RULES, boxwood.			
	SECTION 1C			
	SAWS :—			
2131 or 2151	Dovetail.	Alternative items.	,,	1
2146	Tenon.			
	Hand.			
	SCRAPERS :—			
2155	Cabinet makers.		,,	1
5949	Wood.		,,	1
	SCREWDRIVERS :—			
2165	Common, 12 in.		,,	1
2175	Ratchet.		,,	1
2188	SCRIBERS, carpenters.		,,	1
2283	SPOKESHAVES, 3¼ in.		,,	1
	SQUARES :—		,,	1
2294	Carpenters, 6 in.			
	SECTION 29			
	PADLOCKS, iron :—			
2067	2 in. special.		,,	1

SCALE A-5, PART 4

TRADESMEN'S TOOL KITS

FITTER I

Fitter I, Fitter IIE & Fitter IIA

Stores Ref. 1*B*/4238—Contents of Tool Kit, as shown below.

NOTE.— This tool kit is to be Issued to tradesmen working on British Aircraft only.

Ref. No.	Nomenclature	Details & Remarks	Denom. of Qty.	Qty.
1	2	3	4	5
	SECTION 1A			
2693	Brushes Engine Cleaning		EA	1
634	Drifts Copper ½″ × 6½″		,,	1
1124	File H. S. E. Smooth 6″		,,	1
	SECTION 1B			
1329	Hammer B. P. 1 lb.		,,	1
4582	Hammer Cellulose face 12 ozs.		,,	1
1396	Handles File No. 3		,,	1
4406	Nipper cutting diagonal 5″ pointed nose.		,,	1
1775	Pliers side cutting insulated 8″		,,	1
1834	Punches round tapered point 1/8″ Octag. 7/16″ × 5″		,,	1
4475	Handles hammer No. 5 for 1B/1329		,,	1
	SECTION 1C			
2175	Screw Driver ratchet 5″ × ¼″ point.		,,	1
2163	Screw driver Common 6″ × 3/8″ point.		,,	1
6867	Screw driver chubby 1½″ × ¼″ point.		,,	1
	SECTION 1L			
8	Spanner socket set (No. 1) 9/32″ square drive (0-6BA Sizes)		Sets	1
70	Spanner socket set (No. 2) 3/8″ square drive (3/16″ to 7/16″ sizes)		,,	1
28	Angular set spanner (15) open jaw double ended 0 × 2BA		EA	1
166	Angular set spanner (15) open jaw double ended 2 × 3BA		,,	1
29	Angular set spanner (15) open jaw double ended 4 × 6BA		,,	1
154	Angular set spanner (15) open jaw double ended 1/8″ × 3/16″		,,	1
24	Angular set spanner (15) open jaw double ended 3/16″ × ¼″		,,	1
25	Angular set spanner (15) open jaw double ended 5/16″ × 3/8″		,,	1
26	Angular set spanner (15) open jaw double ended 7/16″ × 1/2″		,,	1

1	2	3	4	5
	SECTION 29G			
2140	Padlock 1″ or 1¼″		EA	1
or	or			
1277	Godrej small		,,	
	SECTION 301A			
123	Box Tool Metal Small		,,	1

SCALE A. 5, PART 5

TRADESMEN'S TOOL KITS

Also for use by FITTERS (Marine), FITTERS (M. T.), MECHANICS (M. T.), FITTERS (General)

Stores Ref. 1.*B*/4090—Contents of Tool Kit, as shown below:

NOTE.—(i) For use also by Fitters (Marine), Fitters (M.T.), Mechanics (M.T.), Fitters (General).

(ii) This kit is not to be issued to units equipped with American engines.

Ref. No.	Nomenclature	Details and Remarks	Denom. of Qty.	Qty.
1	2	3	4	5
	SECTION 1A			
	BARS, tommy :—			
3864	3½ in. × 3/16 in.		No.	1
31	6 in. × 5/16 in.		,,	1
3717	BOXES tool, standard, small		,,	1
2693	BRUSHES, engine cleaning		,,	1
3715	CANS, lubricating oil, small		,,	6
2738	CARDS, scratch		In.	1
634	DRIFTS, 6½ in. × ½ in.		No.	
	FILES :—			
	Bastard :—			
908	Hand safe edge 6 in.		,,	1
	Smooth :—			
1118	Half round, 8 in.		,,	1
1124	Hand safe edge, 6 in.		,,	1
*409	Chisels cold 8¾″		,,	1
*3861	File Equalling		,,	1
	SECTION 1B			
	GAUGES, feeler, English 4 in.			
4110			,,	1
	HAMMERS :—			
1328	Fitters ball pane 12 oz.		,,	1
1340	Hide faced No. 1		,,	1
	HANDLES, file :—			
1394	Large		,,	1
1396	Small		,,	1
	PLIERS :—			
	Side cutting :—			
	PUNCHES :—			
1821	Centre		,,	1
1835	Nail or pin, 3/16 in.		,,	1
2124	RULES, steel, 6 in.		,,	1
	SECTION 1C			
	SCREWDRIVERS :—			
2175	Ratchet		,,	1
	Watchmakers :—			
2177	3/16 in. × 6 in.		,,	1
6410	Crosspoint Phillips Head No. 1	For Fitters M. T. & Mechanic M. T. only	,,	1
6414	Crosspoint reed & prince 3/16″		,,	1
6415	Crosspoint reed & prince 1/4″		,,	1
5321	Common 8″		,,	1

1	2	3	4	5
	SECTION 1C—Contd.			
	SPANNERS :—			
2220	Adjustable, 4 in.		No.	1
	Box :—			
	Double ended :—			
5034	3/8 in. × 7/16 whit.		,,	1
5035	½ in. × 5/8 in. whit.		,,	1
	Double ended :—			
5438	Folding		Set	1
	SECTION 101C			
*719	Angle (15 degrees) ½″ × 9/16″		No.	1
*21	Angle (15 degrees) 5/8″ × 3/8″		,,	1
*1353	Open end double head (15 degrees angle) 3/16″ × 1/4″		,,	1
*361	Open end double head (15 degrees angle) 5/16″ × 3/8″		,,	1
*363	Open end double head (15 degrees angle) 7/16″ × 1/2″		,,	1
*365	Open end double head (15 degrees angle) 9/16″ × 5/8″		,,	1
*1310	Open end double head (15 degrees angle) 11/16″ × 25/32″		,,	1
*155	Open end double head (15 degrees angle) 3/4″ × 13/16″		,,	1
	SECTION 29G			
1277	PADLOCKS, Iron, 1½ in.		,,	1
	SECTION 1A			
2740	Chisel Cold Nickel Steel Light		Set	1
923	File Bastard Round 8″		EA.	1
1001	File Dread Naught 12″		,,	1
1142	File Smooth Round		,,	1
	SECTION 1B			
1809	Pliers side cutting plain handle 8″		Pr.	1
1788	Pliers combinator slip joint		,,	1
	SECTION 1C			
2178	Screw driver watch makers ¼″ × 10″		EA.	1
6771	Spanner box Tubular 5/16″		,,	1
3229	Spanner box Defended 1/8″ × 3/16″		,,	1

1	2	3	4	5
	SECTION 1L			
31	Spanner Ring BSW D/ended 18/8″ × 3/16″		EA.	1
32	Spanner Ring BSW D/ended ¼″ × 5/16″		,,	1
33	Spanner Ring BSW D/ended 3/8″ × 7/16″		,,	1
138	Spanner Ring BSW D/ended ½″ × 9/16″		,,	1
139	Spanner Ring BSW D/ended 5/8″ × 3/4″		,,	1
154	Spanner Ring BSW D/ended 1/8″ × 3/16″		,,	1
24	Spanner Ring BSW D/ended 3/16″ × 1/4″		,,	1
25	Spanner Ring BSW D/ended 5/16″ × 3/8″		,,	1
26	Spanner Ring BSW D/ended 7/16″ × ½″		,,	1
59	Spanner Ring BSW D/ended 9/16″ × 5/8″		,,	1
60	Spanner Crescent Type Adjustable 8″		,,	1
78	Spanner American Ring D/ended 5/16″ × 3/8″		,,	1
79	Spanner American Ring D/ended 3/8″ × 7/16″		,,	1
80	Spanner American Ring D/ended ½″ × 9/16″		,,	1
84	Spanner American Ring D/ended ¼″ × 7/8″		,,	1
85	Spanner BSW Ring D/ended 15/16″ × 1″		,,	1
	SECTION 1H			
78	Spanner Nox No. 12 ¼″		,,	1
	SECTION 16C			
2018	Spanner Spark Plug 14 in.		,,	1
	SECTION 101C			
156	Wrench open and D/Head 7/8″ × 15/16″		,,	1
444	Wrench box 15° angle 5/8″ × 9/16″		,,	1

*For F.M.T.'s and M.T.M.'s only.

SCALE A-5, PART 6

TRADESMEN'S TOOL KITS

FITTER ARMOURER

Also for use by FITTER ARMOURER (Guns) and FITTER ARMOURER (Bombs)

10—6 I.A.F./65

Fitter Armourer

Stores Ref. 1 *E*/5024——Contents of Tool Kit as shown below :

NOTE.—This tool kit is to be issued to tradesmen working on British aircraft only.

Ref. No.	Nomenclature	Details & Remarks	Denom. of Qty.	Qty.
1	2	3	4	5
	SECTION 1A			
2676	Bags Tools general purposes		EA.	1
2693	Brush Engine Cleaning		,,	1
634	Drift Copper ½″ × 6½″		,,	1
1124	File H.S.E. Smooth 6″		,,	1
	SECTION 1B			
1329	Hammer B.P. 1 lb.		,,	1
4582	Hammer cellulose face 12 ozs.		,,	1
1396	Handles file No. 3		,,	1
4406	Nippers cutting diagonal 5″ point nose		,,	1
1775	Pliers side cutting 8″ insulated		,,	1
1834	Punches round tapered point 1/8″ Octag. 7/16″ × 5″		,,	1
4475	Handles hammer No. 5 for 1B/1329		,,	1
	SECTION 1C			
2175	Screw driver ratchet 5″ × ¼″ point		,,	1
2163	Screw driver common 6″ × 3/8″ point		,,	1
6867	Screw driver chubby 1½″ × ¼″ point		,,	1
	SECTION 1E			
5028	Can oil M.G. Mark I		,,	1
	SECTION 1L			
8	Spanner socket set (No. 1) 9/32″ Sq. drive 0-6BA size		,,	1
70	Spanner socket set (No. 2) 3/8″ Sq. drive. 3/16″ × 7/16″ size		,,	1
28	Angular set spanner (15) open jaw double ended 0 × 2BA		,,	1
166	Do. 2 × 3BA			

1	2	3	4	5
	SECTION 1L—Contd.			
	Angular set spanner (15) open jaw double ended			
29	Do. 4 × 6BA		EA	1
154	Do. 1/8″ × 3/16″		,,	1
24	Do. 3/16″ × 1/4″		,,	1
25	Do. 5/16″ × 3/8″		,,	1
26	Do. 7/16″ × 1/2″		,,	1
	SECTION 29G			
2140 or 1277	Padlock 1″ or 1¼″ or Godrej small		,,	1

NOTE.—(iii) The following additional Tools to be held as required separately from the above Tool Kit, only as appropriate to the Types of Gun held by the unit. Reference to the relevant Airframe Inventory Appendix 'A' should be made to determine the Type of Armament of the Aircraft.

	SECTION 1A			
3715	CANS, lubricating oil, small	For use with ·500 in. Browning guns.	No.	1
	SECTION 1B			
	GAUGES :—			
4110	Feeler, English, 4 in.	For Vickers ·303 in M. G. synchronising gear.	,,	1
	SECTION 1E			
5027	BRUSHES, cylinder cleaning rod, Lewis, ·303 in. M.G. Mark I	For Lewis or Vickers G. O. ·303 in. M. G. and Shotguns.	,,	1
	DRIFTS :—			
3616	No. 5	For Browning ·500 in. M. G.	,,	1
5122	No. 6		,,	1
5123	No. 7	For Browning ·303 or 300 in. M. G.	,,	1
5124	No. 8		,,	1
5125	No. 9		,,	1
5173	IMPLEMENTS, loading	To be manufactured locally. For Browning ·303 or ·300 in. M.G. Only for use with aircraft not fitted with Turrets.	,,	1
5042	MOPS, cylinder cleaning rod, Lowis, ·303 in M. G., Mark I.	For Lewis or Vickers G. O. ·303 in. M. G. and shotguns.	,,	2
5118	PUNCHES, copper faced ¾in.	For Browning ·303 in. or ·300 M. G.	,,	1

1	2	3	4	5
	SECTION 1E—Contd.			
5046	RODS, cleaning, ·303 in M. G. Lewis, Mark I, cylinder.	For Lewis or Vickers G. O. ·303 in M. G. and shotguns.	No.	1
	SPANNERS :— ·303 in M. G. Browning :— "C"			
5114	Pneumatic gear	For Browning ·303 in M. G. pneumatic gear.	,,	1
5051	Lewis, Mark I	For Lewis ·303 in M.G.	,,	1
	SPANNERS :— Vickers, G. O. Mark I			
5144	Flash eliminator	For Vickers G. O. ·303 in. M. G.	,,	1
5143	Gas plug	For Vickers G. O. ·303 in. M. G. and Hispano 20 MM guns.	,,	1
	TOOLS Combination :— ·303 in. M. G. :—			
5120	Browning	For Browning ·303 M.G.	,,	1
	SECTION 7A			
	GUNS, Lewis, ·303 in. :— Accessories :— Balances, spring combination :—			
284	Mark I.	For Lewis, ·303 in. M. G. or Vickers ·303 M. G.	,,	1
	SECTION 8D			
	TOOLS :— Guns :— Hispano 20 mm :—			
2697	Assembling ratchet pawl spring, B. F. M., Mark V		,,	1
	Spanners :—			
2682	Muzzle nut.	For use with Hispano 20 mm Mark V guns fitted with muzzle nut.	,,	1
	Vickers Class "S" gun :—			
2532	Magazine loading	To be manufactured locally	,,	1
2426	Rods, cartridge ejector		,,	1
	SECTION 108D			
	BRUSHES, cleaning Browning M. G., brass			
46	·300 in.	For use with ·300 in. Browning guns.	,,	2
47	·500 in.	For use with ·500 Browning guns.	,,	2

1	2	3	4	5
	SECTION 108D—Contd.			
77	Chamber	For use with ·300 in. and ·500 Browning guns.	No.	1
	CANS, oil :—			
63	Buffer filling	For use with ·500 Browning guns.	,,	1
	CASES, jointed, cleaning rod :—			
39	·300 Browning M. G.	For use with ·300 Browning guns.	,,	1
40 or 86	·500 Browning M. G. / ·500 Browning M. G.	For use with ·500 in. Browning guns.	,,	1
	EXTRACTORS, ruptured cartridge:—			
51	·300	For use with ·300 in. Browning guns.	,,	1
102	·500	For use with ·500 in. Browning guns.	,,	1
	RODS, cleaning, jointed :—			
42	·300 in. Browning M. G.	For use with ·300 in. Browning guns.	,,	1
37 or 84	·500 in. Browning M. G. / ·500 in. Browning M. G.	For use with ·500 in. Browning guns.	,,	1
	TOOLS :—			
31	Carbon removing	For use with ·300 in. and ·500 in. Browning guns.	,,	1
	Combination :—			
32	·300 Browning M. G.	For use with ·300 in. Browning guns.	,,	1
33	Release	For use with ·300 in. and ·500 in. Browning guns.	,,	1
	WRENCHES :—			
32	Combination No. 2	For use with ·500 in. Browning guns.	,,	1

SCALE A-5, PART 7

TRADESMEN'S TOOL KITS

FITTER II—AIRFRAME

Also For use by METAL RIGGERS

I. A.P. 1503-A—SCALE A-5—PART 7

Electrician (Group I)

Stores Ref. 1*B*/*NIV*/*T*911—Contents of tool kit as shown below:

NOTE.—This tool kit is to be issued to tradesmen working on British aircraft only.

Ref. No.	Nomenclature	Details & Remarks	Denom. of Qty.	Qty.
1	2	3	4	5
	SECTION 1A			
2676	Bags Tools General Purposes		EA	1
287	Brush General Cleaning Stencil		,,	1
1124	File H.S.E. Smooth 6″		,,	1
	SECTION 1B			
4582	Hammer Cellulose Face 12 ozs.		,,	1
1396	Handles File No. 3		,,	1
4406	Nippers Cutting Diagonal 5″ pointed Nose		,,	1
1775	Pliers Side Cutting 8″ Insulated		,,	1
1834	Punches Round tapered Point 1/8″ Octag. 7/16″ × 5″		,,	1
	SECTION 1C			
2175	Screw Driver ratch 5″ × 1/4″ point		,,	1
6867	Screw Driver chubby 1½″ × ¼″ point		,,	1
2176	Screw Driver W/M 2½″ × 1/8″ point		,,	1
	SECTION 1L			
8	Spanner Socket Set (No. 1) 9/32 Square Drive O-6BA Size		Set	1
183	Xpznndf Universal Jointed 2BA		EA	1
28	Angular Set Spanner (15) Open Jaw Double Ended 0 × 2BA		,,	1
116	Do. 2 × 3BA		,,	1
29	Do. 4 × 6BA		,,	1
	SECTION 5X			
1564	Spanner Strap Adjustable		,,	1
	SECTION 29G			
2140 or 1277	Padlock 1″ or 1·1/4″ or Godrej Small		,,	1

SCALE 5, PART 8

TRADESMEN'S TOOL KITS

METAL WORKER

Also for use by COPPERSMITH and SHEETS METAL WORKERS

Metal Worker

Stores Ref. 1. *B*/4087—Contents of tool kit as shown below:

NOTE.—For use also by Coppersmith and Sheet Metal Workers.

Ref. No.	Nomenclature	Details & Remarks	Denom. of Qty.	Qty.
1	2	3	4	5
	SECTION 1A			
6	APRONS, basil brown		No.	1
	BITS, smiths :—			
	Countersink :—			
177	Rose		,,	1
	Rimer :—			
178	Half Round		,,	1
179	Square		,,	1
	BOXES, tool :—			
	Standard :—			
3826	Medium		,,	1
	CALIPERS, common :—			
330	Inside, 8 in.		,,	1
331	Outside, 8 in.		,,	1
2738	CARDS, scratch		In.	6
	CHISELS, chipping :—			
	Cold :—			
440	6 in. × 1/2 in.		No.	1
409	8 in. × 3/4 in.		,,	1
2741	Crosscut		,,	1
481	COMPASSES, wing 10 in.		Prs.	1
	FILES :—			
	Bastard :—			
	Half Round :—			
904	12 in.		No.	1
	Hand safe edge :—			
910	10 in.		,,	1
	Round :—			
924	10 in.		,,	1
	Square :—			
931	8 in.		,,	1
	Three-square :—			
939	6 in.		,,	1
	Dreadnought :—			
1001	12 in.		,,	1
	SECTION 1B			
2888	GROOVERS, tinmen's ¼ in. groove		,,	1
	HAMMERS :—			
	Fitters :—			
	Ball pane :—			
1327	8 oz.		,,	1
1329	16 oz.		,,	1
1332	32 oz.		,,	1

1	2	3	4	5
	SECTION 1B—Contd.			
	Cross pane :—			
1358	4 oz.		No.	1
	Timmen's :—			
	Creasing :—			
1387	12 oz.		,,	1
1389	Planishing		,,	1
	HANDLES, file :—			
1394	Large		,,	3
1396	Small		,,	2
	IRONS :—			
	Soldering :—			
	Common :—			
1484	8 oz.		,,	1
1485	2 lb. 5 oz.		,,	1
	MALLETS :—			
	Tinmen's :—			
1557	$5\frac{1}{4}$in. × $2\frac{3}{4}$ in.		,,	1
	PLIERS :—			
	Gas :—			
1788	6 in.		Prs.	1
	Round nose :—			
1798	6 in.		,,	1
	Sidecutting :—			
	Plain handle :—			
1809	8in.		,,	1
	PUNCHES :—			
1821	Centre		No.	1
	Nail or pin :—			
1834	1/8 in.		,,	1
2120	RODS, smiths iron		,,	4
	RULES :—			
2122	Brass		,,	1
2125	Steel, 12 in.		,,	1
	SECTION 1C			
	SCREWDRIVERS :—			
	Common :—			
2165	12 in.		,,	1
	SCRIBERS :—			
2187	Fitters		,,	1
	SHEARS :—			
	Tinmen's :—			
	Snip :—			
2195	Straight		Prs.	1

1	2	3	4	5
	Section 1 C—Contd.			
	SPANNERS :—			
	Adjustable :—			
2220	4 in.		No.	1
2224	9 in.		,,	1
2616	VICES, hand, 16 oz.		,,	1
	SECTION 29			
1277	PADLOCKS, iron 1½ in.		,,	1

SCALE A-5, PART 9

TRADESMEN'S TOOL KITS

WIRELESS OPERATOR, MECHANIC GROUP II

For use by Talest R/T OPERATORS only when they are employed on D/F duties and RADAR OPERATORS.

11—6 I. A. F./65

Wireless Operator—Mechanic Group II

Stores Ref. 1-*B*/4095—Contents of Tool Kit

NOTE.—For use by Talest R/T Operators only when they are employed on D/F duties and Radar Operatiors.

Ref. No.	Nomenclature	Details and Remarks	Denom. of Qty.	Qty.
1	2	3	4	5
	SECTION 1A			
	BAGS, tool, W/T operators :—			
3913	Type B.		No.	1
	FILES :—			
3861	Equalling.		,,	1
	SECTION 1B			
	PLIERS :—			
	Sidecutting—			
1805	Plain handle, 6 in.		Prs.	1
	SECTION 1C			
	SCREWDRIVERS :—			
	Watchmakers :—			
2176	3/16 in. × 3 in.		No.	1
2177	3/16 in. × 6 in.		,,	1
	SPANNERS :—			
2220	Adjustable, 4 in.		,,	1
	SECTION 29			
2140	PADLOCKS, iron, 1 in.		,,	1

SCALE A-5, PART 10

TRADESMEN'S TOOL KITS

INSTRUMENT REPAIRER GRADE II

Also for use by INSTRUMENT MECHANICS

I. A. P. 1503-A—SCALE A-5—PART 10

Electrician II and Instrument repairer (Group II)

Stores Ref. 1*B*/4358—Contents of Tool Kit as shown below:

NOTE.—This tool kit is to be issued to trademen working on British aircraft only.

Ref. No.	Nomenclature	Details & Remarks	Denom. of Qty.	Qty.
1	2	3	4	5
	SECTION 1A			
2676	Bags Tool General Purpose		EA	1
287	Brush Gleneral Cleaning Stencil		,,	1
1124	File H. S. E. Smooth 6″		,,	1
	SECTION 1B			
4582	Hammer Cellulose Faced 12 ozs.		,,	1
1396	Handles File No. 3.		,,	1
4406	Nippers Cutting Diagonal 5″ Pointed		,,	1
1775	Pliers Side Cutting 8″ insulated		,,	1
1834	Punches Round Tapered point 1/8″ Octag. 7/16″×5″.		,,	1
	SECTION 1C			
2175	Screw Driver Ratchet 5″×¼″ Point		,,	1
2176	Screw Driver W/M 2.1/2″×1/8″		,,	1
	SECTION 1L			
183	Spanner Universal Jointed 2 BA		,,	1
28	Angular Set Spanner (15) open Jaw Double Ended 0×2 BA.		,,	1
166	Do. Do. 2×3BA.		,,	1
29	Do. Do. 4×6 BA		,,	1
	SECTION 29G			
2140 or 1277	Padlock 1″ or 1 1/4″		,,	1

SCALE A-5, PART 11

TRADESMEN'S TOOL KITS

WIRELESS OPERATOR MECHANIC I & RADAR MECHANIC

Wireless Operator Mechanic I & Radar Mechanic

Ref. No.	Nomenclature	Details and Remarks	Denom. of Qty.	Qty.
1	2	3	4	5
	SECTION 1A			
	AWLS, Brad :—			
3871	Blades, 3/32 in.		No.	1
21	Handles, small.		,,	1
	BOXES, tool, standard.			
3826	Medium.			
	Accessories—		,,	1
3911	Containers, portable.		,,	1
2738	CARDS, scratch.		In.	6
3585	CASES, file.		No.	1
	DRILLS, twist :—			
	Straight shank—			
745	1/16 in.		,,	1
749	1/8 in.		,,	1
753	3/16 in.		,,	1
757	1/4 in.		,,	1
	Wire gauge—			
	Singles—			
3390	No. 12.		,,	1
3429	No. 26.		,,	1
3437	No. 34.		,,	1
3457	No. 44.		,,	1
3511	No. 51.		,,	1
	FILES :—			
	Bastard—			
901	Half round, 6 in.			
	Hand safe edge—			
907	4 in.		,,	1
908	6 in.		,,	1
921	Round, 6 in.		,,	1
3861	Equalling.		,,	1
	Smooth—			
1115	Half round, 4 in.		,,	1
	SECTION 1B			
	HAMMERS, fitters :—			
1360	Cross pane 12 oz.		,,	1
1396	HANDLES, file, small		,,	3
4406	NIPPERS, diagonal cutting, 5 in.		Prs.	1

1	2	3	4	5
	Section 1B—Contd.			
	PLIERS :—			
1779	Flat nose, 4 in.		Prs.	1
	Sidecutting—			
	Insulated handle—			
1775	8 in.		,,	1
	PUNCHES:—			
1821	Centre.		No.	1
	SECTION 1C			
	SCREWDRIVERS :—			
2163	Common, 6 in.		,,	1
	Watchmakers'—			
2176	3/16 in ×3 in.		,,	1
3193	3/16 in. ×8 in.		,,	1
2198	SHEARS, watchmakers.		Prs.	1
	SPANNERS :—			
	Adjustable—			
2220	4 in.		No.	1
5438	Folding.		Set.	1
2407	STOCKS, drill, hand.		No.	1
3545	TWEEZERS, watchmakers'.		,,	1
	SECTION 29			
1277	PADLOCKS, iron, 1½ in.		,,	1

SCALE A-5, PART 12

FLIGHT SIGNALLER/SIGNALLER AIR

Flight Signaller/Signaller Air

Stores Ref. 1*B*/4438—Contents of Tool Kit.

Ref. No.	Nomenclature	Detail and Remarks	Denom. of Qty.	Qty.
1	2	3	4	5
	SECTION 1A			
	BAGS—			
	Tool—			
2676	General purpose		No.	1
	BARS—			
	Tommy :—			
3864	3½″ in. × 3/16 in.		,,	1
	FILES :—			
	Bastard :—			
	Half round—			
901	6 in.		,,	1
	Round :—			
921	6 in.		,,	1
	SECTION 1B			
	HANDLES :—			
	File :—			
1396	Small		,,	1
4406	NIPPERS, diagonal cutting, 5 in.		Prs.	1
	PLIERS :—			
	Flat nose :—			
1783	6 in.		,,	1
	Sidecutting :—			
	Insulated handle :—			
1773	6 in.		,,	1
	Watchmakers' :—			
2969	Fine point		,,	1
	RULES :—			
	Steel :—			
2124	6 in.		No.	1
	SECTION 1C			
	SCREWDRIVERS :—			
	Common :—			
2163	6 in.		,,	1
	Instrument makers :—			
	Sets :—			
5087	3/32 in.		,,	1

1	2	3	4	5
	SECTION 1C—Contd.			
	Watchmakers' :—			
3193	3/16 in. × 8 in.		No.	1
	SPANNERS :—			
2220	Adjustable, 4 in.		,,	1
	Box :—			
	Double ended :—			
5579	0 B.A. × 2 B.A.		,,	1
	SPANNERS :—			
	Box :—			
	Double ended :—			
5580	4 B.A. × 6 B.A.		,,	1
5033	¼ in. × 5/16 in. Whit.		,,	1
5438	Folding		Set	1
	TWEEZERS :—			
3545	Watchmakers'		No.	1
	SECTION 5X			
1564	SPANNERS, Strap, adjustable		,,	1
	SECTION 10H			
	SPANNERS :—			
4333	W. Long		,,	1
4332	W. Medium		,,	1
4331	W. Small		,,	1

SCALE A-5, PART 13

FLIGHT MECHANICS "A"

12—6 I. A. F./65

I. A. P. 1503-A—SCALE A-5—PART 13

F. M. E. & F. M. A.

Stores Ref. 1*B*/4439—Contents of tool kit as shown below:

NOTE.—This tool kit is to be issued to tradesman working on British aircraft only.

Ref. No.	Nomenclature	Details & Remarks	Denom of Qty.	Qty.
1	2	3	4	5
	SECTION 1A			
2676	Bags Tool General Purpose		EA	1
2693	Brushes Engine Cleaning		,,	1
634	Drift Copper ½″ × 6½″		,,	1
1124	File H.S.E. Smooth 6″		,,	1
	SECTION 1B			
1329	Screw		,,	1
1329	Hammer B.P. 1 lb.		,,	1
8582	Hammer Cellulose Face 12 ozs.		,,	1
1396	Handles File No. 3		,,	1
4406	Nippers Cutting Diagonal 5″ Pointed Nose		,,	1
1775	Pliers Side Cutting 8″ Insulated		,,	1
1834	Punches Round Tapered Point 1/8″ Octag. 7/16″ × 5″		,,	1
4475	Handles Hammer No. 5 for 1B/1329		,,	1
	SECTION 1C			
2175	Screw Driver Ratchet 5″ × ¼″ Point		,,	1
2163	Screw Driver Common 6″ × 3/8″ Point		,,	1
	SECTION 1L			
28	Angular Set Spanner (15) Open Jaw Double Ended 0 × 2 BA.		,,	1
166	Do. Do. 2 × 3 BA.		,,	1
29	Do. Do. 4 × 6 BA.		,,	1
154	Do. Do. 1/8″ × 3/16″ B.S.W.		,,	1

1	2	3	4	5
	SECTION 1L—Contd.			
24	Angular Set Spanner (15) Open Jaw Double Ended 3/16″ × ¼″		EA	1
25	Do. Do. 5/16″ × 3/8″		,,	1
26	Do. Do. 7/16″ × ½″		,,	1
	SECTION 29G			
2140 or 1277	Padlock 1″ or 1 1/4″ or Godrej Small		,,	1

SCALE A-5, PART 14

FLIGHT MECHANICS "E"

Instrument Repairer (Group I)

Stores Ref. 1*B*/4093—Contents of Tool kit as shown below.

NOTE.—This tool kit is to be issued to tradesman working on British aircraft only.

Ref. No.	Nomenclature	Details & Remarks	Denom. of Qty.	Qty.
1	2	3	4	5
	SECTION 1A			
2676	Bags Tool General Purposes		EA	1
287	Brush General Cleaning Stencil		,,	1
1124	File H.S.E. SMOOTH 6″		,,	1
	SECTION 1B			
4582	Hammer Cellulose Faced 12 ozs.		,,	1
1396	Handles File No. 3		,,	1
4406	Nippers Cutting Diagonal 5″ Pointed Nose		,,	1
1834	Punches Round Tapered Point 1/8″ Octag. 7/16″ × 5″		,,	1
1775	Pliers Side Cutting 8″ Insulated		,,	1
	SECTION 1C			
2175	Screw Driver Ratchet 5″ × 1/4″ Point		,,	1
6867	Screw Driver Chubby 1 1/2″ × 1/4″		,,	1
2176	Screw Driver W/M 2 1/2″ × 1/8″		,,	1
	SECTION 1L			
8	Spanner Socket Set (No. 1) 9/32 Square Drive 0-6 BA Size		Set	1
183	Spanner Universal Jointed 2 BA.		EA	1
28	Angular Set Spanner (15) Open Jaw Double Ended 0 × 2 BA.		,,	1
116	Do. Do. 2 × 3 BA.		,,	1
29	Do. Do. 4 × 6 BA.		,,	1
	SECTION 29G			
2140 or 1277	Padlock 1″ or 1 1/4″ or Godrej Small		,,	1

SCALE A-5, PART 15

TRADESMEN'S TOOL KITS

A. I. S. INSPECTORS (ARMT. & EXPLOSIVES)

A. I. S. Inspectors (Armt. & Explosives)

Stores Ref. 1*B*/*NIV K*913—Contents of Tool Kits as shown below:

Ref. No.	Nomenclature	Detail & Remarks	Denom. of Qty.	Qty.
1	2	3	4	5
	SECTION 1A			
	BRUSHES :—			
270	Writing Large		Each	1
287	Stencil		,,	1
291	Varnish 1″		,,	2
NIV	Bags, Tool Leather 18″	Army CAT No. FAO 159	,,	1
	SECTION 1B			
	PLIERS :—			
1805	Sidecutting 6 inch.		Pair	1
	SECTION 1C			
	SCREW DRIVERS :—			
2163	Common 6 inch		Each	1
3193	Watchmakers 3/16″ × 8″		,,	1
	SPANNERS :—			
2222	Adjustable 6 inch		,,	1
5033	Box ¼″ × 5/16″ whit		,,	1
5034	Box 3/8″ × 7/16″ whit		,,	1
	SECTION 1H			
NIV	Mirrors, Inspection	Army CAT No. C3244	,,	1
	SECTION 5A			
	TORCH :—			
NIV	Electric with non-ferrous or bakelite casing.	To be purchased locally.	,,	1
	SECTION 5G			
1142	Fuse Tester		,,	1
	SECTION 6B			
117	Watch Stop		,,	1
	SECTION 6E			
275	Glasses, Magnifying 3″		,,	1

1	2	3	4	5
	SECTION 12G			
NIV	Exploder Extractor	(a) This item will be manufactured from hard wood at No. 1 B. R. D. Demands are therefore to be raised on No. 1 B. R. D. Kanpur for its supply.	Each	1(a)
	SECTION 63H			
	GAUGES :—			
	Bomb H. E.			
	Detonator recess			
14	V. 30418		,,	1
	Bomb practice :—			
	Detonator acceptance			
17	V. 33746/1		,,	1
	R. P. :—			
	Protrusion of spigot and thermac initiator			
34	V.32956	Shell 60 lb SAP	,,	1
	Shell ring and assembly Threads :—			
35	V. 32284/1	Motor Rocket, 3″	,,	1
NIV	Ring guage (int. dia 2·99) 688C (for measuring the dia. of projectile Signal Motor 3″).	(b) To be manufactured at No. 1 B. R. D. Kanpur. Demands are therefore to be raised on No. 1 B. R. D. Kanpur.	,,	1(b)
NIV	Screw Drivers non-ferrous.	(c) To be manufactured at No. 1 B. R. D. Kanpur from hard drawn brass, size and shape should be the same as for ordinary screw-drawing. Demands are therefore to be raised on No. 1 B. R. D., Kanpur.	,,	1(c)
NIV	Measuring Glass 403	Ordinary trade type. To measure upto 100 cc. to be obtained from local purchase.	,,	

SCALE A-5, PART 16

TRADESMEN'S TOOL KITS

A. I. S. INSPECTORS (FT I, FT II A, FT IIE, Copper Smith and Metal Worker/Black Smith and Metal Worker and Safety Equipment Worker)

A. I. S. Inspectors (FT1, FT IIA, FT IIE, C. S. & MW/BS SEW

Stores Ref. 1B/*NIV K*914—Contents of Tool Kits as shown below:

Ref. No.	Nomenclature	Details & Remarks	Denom. of Qty.	Qty.
1	2	3	4	5
	SECTION 1A			
85	BOBS, Plumb : 8 oz.		Each	2
	BOXES, tool :—			
	Standard :—			
3826	Medium		,,	1
	CALIPERS :—			
330	Common inside 8″		,,	1
331	Common outside 8″		,,	1
2737	Vernier 12″		,,	1
3842	Cases		,,	1
3884	Micrometers 0″—1″		,,	1
3834	Cases		,,	1
472	COMBINATION SET	12″ in case	Set	1
887	EYEGLASSES, Watchmakers		Each	1
	FILES :—			
	Bastard :—		,,	1
939	Three Square 6″			
	SECTION 1B			
	GAUGES :—			
	Screwpitch :—			
4048	B. A. Thread		,,	1
1227	Metric		,,	1
1228	Whitworth		,,	1
	Radius :—			
	English :—			
2870	1/32″ to $\frac{1}{4}$″		,,	1
3372	17/64″ to $\frac{1}{2}$″		,,	1
4212	Wire		,,	1
4079	Height English & Metric readings		,,	1
	HAMMERS :—			
	Fitters :—			
1325	Ball pane 4 oz.		,,	1
	Hidefaced :—			
1340	No. 1		,,	1
	Rubber :—			
4185	$3\frac{1}{4}$″ × $1\frac{7}{8}$″		,,	1
	RULES :—			
	Steel :—			
2124	6 inch.		,,	1

1	2	3	4	5
	SECTION 1C			
	SCREW DRIVERS :—			
2175	Ratchet		Each	1
	Watchmakers :—			
2176	3/16″ × 3″		,,	1
	Instrument makers :—			
3190	Sets		Set	1
	SPANNERS :—			
5438	Folding		Each	1
	TAPES :—			
2441	Steel 50 ft.		,,	1
	TENSIONMETERS :—			
6134	Mk. III		,,	1
6135	Mk. IV		,,	1
6136	Mk. V		,,	1
	SECTION 1H			
8	Mirrors, Inspection		,,	1
	PLIERS :—			
	Jointing :—			
	Wiring :—			
11	No. 2		,,	1
	GAUGES :—			
	Feeler			
72	3″ taper 11 blades		,,	1
70	TWEEZERS, Steel No. 1		,,	1
	SECTION 1J			
	TWEEZERS :—			
15	Fine point		,,	1
	SECTION 5A			
	TORCHES, Electric :—			
3391 or 3392	Type O / Type P		,,	1
	SECTION 6E			
275	Glasses, Magnifying 3″		,,	1
	SECTION 29			
	Padlocks :—			
1277	Iron 1½″		,,	1
	SECTION 32B			
	Leather Chamois :—			
399	No. 1 Selection.		,,	

SCALE A-5, PART 17

TRADESMEN'S TOOL KITS

A. I. S. INSPECTORS (Instrument Repairer, Electrical, Photo/Mech. and Signals)

(WOMS I & RADAR MECHANICS)

13—6 I. A. F./65

A. I. S. Inspectors (Inst./Rep. Electrical, Photo/Mech. & Signals) (WOMS I & Radar Mechanics)

Stores Ref. 1B/*NIV K.* 915—Contents of Tool Kits as shown below :—

Ref. No.	Nomenclature	Details & Remarks	Denom. of Qty.	Qty.
1	2	3	4	5
	SECTION 1A			
3826	BOXES, tool :—			
	Standard :—			
	Medium		Each	1
	BRUSHES :—			
	Sash tools :—			
256	No. 6		,,	1
	CALIPERS :—			
2737	Vernier 12″		,,	1
3842	Cases		,,	1
2738	CARDS, Scratch		,,	1
887	EYEGLASSES, Watchmakers		,,	1
	FILES :—			
	Dead Smooth :—			
960	H.S.E. 6″		,,	1
3736	Three Square 3″		,,	1
	Smooth :—			
1108	6″		,,	1
	SECTION 1B			
	HAMMERS :—			
	Fitters :—			
1325	Ball pane 4 oz.		,,	1
1327	Ball pane 8 oz.		,,	1
	Hidefaced :—			
1340	No. 1		,,	1
	Rubber :—			
4185	$3\frac{1}{4}'' \times 1\frac{7}{8}''$		,,	1
	Pliers :—			
1796	Round nose 4″		Prs.	1
1773	Sidecutting 6″		,,	1
2969	Watchmakers Fine Point		,,	1
2970	Watchmakers Flat nose		,,	1
	Cutting:—			
4242	$5\frac{1}{2}''$	Bernard No. 102 type	,,	1
	SECTION 1C			
	SCREW DRIVERS :—			
2175	Ratchet		Each	1
	Watchmakers :—			
2176	$3/16'' \times 3''$		,,	1
3190	Instrument Makers sets		Set	1

1	2	3	4	5
	SECTION 1C—Contd.			
	SPANNERS :—			
5438	Folding		Set	1
2222	Adjustable 6″		Each	1
	TAPES, Steel :—			
2441	50 ft.		,,	1
	SECTION 1H			
8	Mirrors, Inspection		,,	1
	GAUGES :—			
	Feller :—			
72	3″ taper 11 blades		,,	1
70	TWEEZERS Steel No. 1		,,	1
	SECTION 1J			
	TWEEZERS :—			
15	Fine Point		,,	1
	SECTION 5A			
1967	LAMPS Headband		,,	1
	SECTION 6E			
275	GLASSES, Magnifying 3″		,,	1
	SECTION 10S			
	TEST METERS :—			
10613	Type E		,,	1
	SECTION 29			
	PADLOCKS :—			
1277	Iron 1½″		,,	1

SCALE A-5, PART 18

TRADESMEN'S TOOL KITS

PHOTO MECHANIC

Photo Mechanic

Stores Ref. 1B/*NIV K* 912—Contents of Tool Kit.

NOTE.—This Tool Kit is for use of Photo Mechanics for servicing photographic equipment.

Ref. No.	Nomenclature	Details & Remarks	Denom. of Qty.	Qty.
1	2	3	4	5
	SECTION 1A			
	BARS :—			
	Tommy :—			
3864	3½ in. × 3/16 in.	For 2 BA & 4 BA Spanners	Each	1
31	6 in. × 5/16 in.	For box spanners	,,	1
	BOXES tool :—			
	Standard :			
3826	Medium	Without padlocks Ref. 29/1277	,,	1
	Camel hair :—			
200	No. 1	Patt. C-358	,,	1
202	No. 3	Patt. C-359	,,	1
887	EYEGLASSES Watchmakers		,,	1
	FILES :—			
	Bastard :—			
901	Half Round 6 in.		,,	1
907	Hand Safe edge 4 in.		,,	1
919	Round, 4 in.		,,	1
	Smooth :—			
1117	Half Round 6 in.		,,	1
1124	Hand Safe edge 6″		,,	1
1140	Round 6″		,,	1
2738	Cards, scratch		Ft.	1/3
	SECTION 1B			
	HAMMERS :—			
	Fitters :—			
1327	Ball pane, 8 oz.	Handled	,,	1
1391	Watchmakers	2 oz. handled	,,	1
	HANDLES :—			
	Files :—			
1396	Small		,,	2
	NIPPERS :—			
4406	Diagonal cutting 5″		Pairs	1
	PLIERS :—			
1179	Flatnose		,,	1

1	2	3	4	5
	SECTION 1B—Contd.			
	Watchmakers :—			
2969	Fine point	4″	Pairs	1
	PUNCHES :—			
1821	Centre	4″	Each	1
1830	Nail or Pin 1/16″		,,	1
	RULES :—			
2124	Steel 6″	English & Metric	,,	1
	SECTION 1C			
	SCREW DRIVERS :—			
	Common :—	Handled		
	Watchmakers :—			
2176	3/16″×3″		,,	1
3193	3/16″×8″		,,	1
	Attachments screw positioners :—			
5923	Combination	For Ref. Nos. 2176 & 3193	,,	1
2407	Stock DrillHand :—		,,	1
	Box Double-ended :—			
5033	¼″×5/16″ whit.	5/16″×3/8″ BSF	,,	1
	Single ended :—			
5383	2 B.A.		,,	1
5384	4 B.A.		,,	1
	Double ended :—			
2245	3/16″×¼″ whit.	5/16″×1/4″ BSF	,,	1
2247	5/16″×3/8″ whit.	3/8″×7/16 BSF	,,	1
2249	7/16″×1/2″ whit.	1/2″×9/16″ BSF	,,	1
5030	5/8″×3/4″ whit.	11/61″×7/8″ BSF	,,	1
5438	Folding	6 B.A.	Sets	1
5582	Saw Hack		Each	1
	Ratchet :—			
	Type B :—			
	Single-ended :—			
5054	4 B.A.		,,	1
5843	6 B.A.		,,	1
	TWEEZERS :—			
3545	Watchmakers	Fine hollow	,,	1
	SECTION 29			
	PADLOCKS :—			
1277	Iron 1½″		,,	1

SCALE A-5, PART 19

TRADESMEN TOOL KITS AMERICAN

ELECTRICIANS I AND II

Electricians I & II

Stores Ref. 1B/NIV/T. 918—Contents of Tools Kit as shown below :

Ref. No.	Nomenclature	Denom. of Qty.	Elect. II	Elect. I
1	2	3	4	5
	SECTION 1A			
3717 or 101A/2154	Boxes Tool	Each	1	1
3911	Box hand Elect.	,,	1	..
3947	Brush Commutator cleaning	,,	1	1
1124	Files H.S.E. 6″	,,	1	1
3861	File Equalising	,,	1	1
1117	File H/R 6″	,,	..	1
745	Drill Twist 1/16″	,,	..	1
749	Drill Twist 1/18″	,,	..	1
753	Drill Twist 3/16″	,,	..	1
3870	Awls Brad Blade 1/16″	,,	1	1
3871	Awls Brad Blade 3/32″	,,	1	1
21	Handles Small	,,	2	2
2738	Cards Scratch	,,	6″	6″
634	Drifts 6½″ × ½″	,,	..	1
633	Drifts 6¼″ × ¼″	,,	..	1
1122	Smooth File H.S.F.	,,	1	1
	SECTION 1B			
1327	Hammer 8 oz.	,,	1	1
1396	Handle file Small	,,	1	1
4406	Nippers Diagonal Cutting	,,	1	1
1779 or 1783	Pliers Flat Nose	Pair	1	1

1	2	3	4	5
	SECTION 1B—Contd.			
4242	Pliers Cutting 5½″	Pair	1	1
1775	Pliers Insulator	,,	1	1
1821	Punches Centre	Each	..	1
4110	Feeler Gauge 4″	,,	..	1
1340	Hammer Hidefaced	,,	1	1
4107	Pliers Sleeve Fixing	Pair	..	1

SCALE A-5, PART 20

TRADESMEN'S TOOL KITS (AMERICAN)

ARMOURER AND FITTER ARMOURER

Armourer and Fitter Armourer

Stores Ref. 1*B*/*NVI*/*T*.917—Contents of Tool Kits as shown below :

Ref. No.	Nomenclature	Denom. of Qty.	Armourer	Fitter Armourer
1	2	3	4	5
	SECTION 1A			
	FILES :—			
921	Bustard Round 6″	Each	..	1
939	Bastard Three Square 6″	,,	..	1
1124 or 1061	Smooth H. S. E. 6″	,,	1	1
1118	Smooth Half Round 8″	,,	1	1
3717 or 101A/835	Boxes Tool Small	,,	1	1
	DRILLS :—			
749	Twist Straight Shank 1/8	,,	..	1
753	Twist Straight Shank 3/16	,,	..	1
	SECTION 1B			
	HAMMER :—			
1327	Fitter Ball Pane 8 oz.	,,	1	1
4185	Rubber $3\frac{1}{2}$ in. × $1\frac{7}{8}$ in.	,,	..	1
	HANDLES :—			
1394	File Large	,,	..	1
1396	File Small	,,	1	1
	PLIERS :—			
1805 or 4242	Sidecutting Plain Handle 6″	Pair	1	1
	Cutting $5\frac{1}{2}$ in.	,,		
	PUNCHES :—			
1821	Centre	Each	1	1
1834	Nail or Pin 1/8 in.	,,	..	1
1835	Nail or Pin 3/16 in.	,,	..	1
2125	Rules Steel 12 in.	,,	..	1
	SECTION 1C			
	SCREWDRIVERS :—			
2163 or 1E/3634	Common 6 in.	,,	1	1
2161 or 1E/3635	Common 4 in.	,,	1	1
2187	Scriber Fitter	,,	..	1
2407	Stock, Drill Hand	,,	..	1
6444	Screwdriver	,,	1	1
	SECTION 1E			
5028	CANS, Oil M. G. Mk. I	,,	1	1

1	2	3	4	5
	SECTION 1L			
79	Spanners Open Jaw Bi-hexagon ring $\frac{3}{8} \times 7/16''$ across flats.	Each	1	1
105	Spanners Socket Bi-hexagon 7/16″ across flats $\frac{3}{4}''$ Square Drive.	,,	1	1
106	Spanners socket Bi-hexagon 1/2″ across flats.	,,	1	1
	SECTION 29G			
2140	PADLOCKS, Iron 1 in.	,,	1	1
	SECTION 101A			
164	BAR Socket Extra 8″ × 3/8 in.	,,	1	1
	SECTION 101B			
193	Racket Handle 3/8 in. Sqd.	,,	1	1
	SECTION 101C			
1448 or 1C/6415	Screwdriver Philips 4 in.	,,	1	1
142	Wrench Jaw Adjusting 8 in.	,,	1	1
280	Wrench D/E 3/8 in. × 7/16 in.	,,	1	1
365	Wrench D/E 5/8 × 9/16 in.	,,	1	1
493	Wrench D/E 1/4 in. × 5/16 in.	,,	1	1
281 or	Wrench D/E D/E 1/2 in. × 9/16 in.			
363	Wrench D/E 1/2 in. × 7/16 in.	,,	1	1
184	Socket 12 P. 9/16 in.	,,	1	1
185	Socket 12 P. 5/8 in.	,,	1	1

SCALE A-5, PART 21

TRADESMEN'S TOOL KITS (AMERICAN)

INST./REPAIRER I AND II

14—6 I.A.F./64

Inst/Repairer I AND II

Stores Ref. 1*B*/*N.I.V.*/*T*-919.—Contents of Tool Kit as shown below :

Ref. No.	Nomenclature	Denom. of Qty.	Inst/ Repairer II	Inst/ Repairer I
1	2	3	4	5
	SECTION 1A			
3717 or 101A/2154	Boxes Tool	Each	1	1
297	Brushes WM	,,	1	1
621	Dividers Spring	,,	1	1
1124	File HSE Smooth 6″	,,	1	1
1118 or 1117	File H/R 6″ or 8″	,,	1	1
1140	File Round 6″	,,	..	1
1157	File Tringle 6″	,,	..	1
2738	Cards Scratch	,,	6″	6″
3861	File Equalling	,,	..	1
	SECTION 1B			
1325 or 1327	Hammer Fitter B/P 4 oz. or 8 oz.	,,	1	1
1396	Handle File Small	,,	1	1
4406	Nippers Diagonal Cutting	Pair	1	1
1779 or 1783	Pliers Flat Nose 4″ or 6″	,,	1	1
2969	Pliers W/M Five Point	,,	1	1
1821	Punches Centre	Each	1	1
1830 or 1834	Punches Nail or Pin 1/16″ or 1/8″	,,	1	1
2124	Rule Steel 6″	,,	1	1
1391	Hammers W/M	,,	..	1
1340	Hammer Hide faced No. 1	,,	1	1
2970	Pliers W/M flatnose	Pair	1	1
4242	Pliers Cutting 5½ in.	,,	1	1
	SECTION 1C			
2163	Screwdriver common 6″	Each	1	1
2176	Screwdriver W/M 3″ × 3/16″	,,	1	1
3193	Screwdriver W/M 8″ × 3/16″	,,	1	1
3545	Tweezers W/M	,,	1	1
5923	Attachments Screw position	,,	..	1
5438	Spanners Folding	,,	1	1
3592	Screwdrivers—Electrician	,,	..	1
6344	Spanners Open Jaw double ended ¾″ × 13/16″	,,	..	1
	SECTION 1L			
79	Spanners Open Jaws Bi-hexagon Ring ⅜″ × 7/16″ across flats.	,,	1	1
	SECTION 29G			
2140	Padlocks Iron 1″	,,	1	1

1	2	3	4	5
	SECTION 101C			
1447 or 1C/6410	Screw driver cross point 3″ Blade		1	1
1448 or 1C/6415 or 1C/6411	Screw driver cross point 4″ Blade		1	1
141	Wrench Adj. 6″	Each	1	1
1353	Wrench Open 3/16×¼″	,,	1	1
361	Wrench Open 5/16×3/8″	,,	1	1
363	Wrench Open 7/16×1/2″	,,	1	1
365	Wrench Open 9/16×5/8″	,,	1	1
565	Wrench Set Screw H/H 1/8″	,,	1	1

SCALE A-5, PART 22

TRADESMEN TOOL KITS (AMERICAN)

FME, FIIE, FMA, FIIA AND F. 1

FME, F. IIE, FMA, F. IIA & F. I.

Stores Ref. 1B/NIV/T 920—Contents of Tool Kit as shown below:

Ref. No.	Description	Denom. of Qty.	FME	FIIA	FMA	FIIA	FI
1	2	3	4	5	6	7	8
	SECTION 1A						
2693	Brushes Engine Cleaning	Each	1	1	..	..	1
2705	Brushes Lining ½″	,,	..	..	1	1	..
634	Drifts 6½″ × ½″	,,	1	1	1	1	1
1118	Files Smooth H/R 8″	,,	1	1	1	1	1
1124	Files H.S.E. 6″	,,	1	1	1	1	1
921	Files Round 6″	,,	1	1	1	1	1
939	Files Triangular 6″	,,	1	1	1	1	1
3861	Files Equalising	,,	..	1	..	..	1
745	Drills Twist 1/16″	,,	..	1	..	1	1
749	Drills Twist 1/8″	,,	..	1	..	1	1
753	Drills Twist 3/16″	,,	..	1	..	1	1
757	Drills Twist ¼″	,,	..	1	..	1	1
409	Chisels Chipping	,,	1	1	..	..	1
371	Boxes tool American	,,	..	1	..	1	1
	SECTION 1B						
4110	Feeler Guage 4″	,,	1	1	..	1	1
1327 or 1328	Hammer B.P. 8 oz. / Hammer B.P. 12 oz.	,,	1	1	1	1	1
1396	Handles file small	,,	1	1	1	1	1
1394	Handles file Large	,,	1	1	1	1	1
1340	Hammer Hide faced	,,	..	1	1	1	1
1783	Pliers Flat Nos. 6″	Pairs	..	1	1	1	1
1805 or 4242	Pliers S/C 6″ / Pliers Cutting 5½″	,,	1	1	1	1	1
1788 or 101B/1286	Pliers Gas 6″	,,	..	1	..	1	1
1821	Punches Centre	Each	1	1	1	1	1
1855	Punches Nail or Pin	,,	1	1	1	1	1
2125	Steel Rule 12″	,,	1	1	1	1	1
	SECTION 1C						
2163	Screw Driver Common 6″	,,	1	1	1	1	1
2176 or 101C/147	Screw Driver 3″ / Screw Driver 4½″	,,	1	1	..	1	1
2178 or 3193	Screw Driver W/M / Screw Driver W/M	,,	..	1	..	1	1

1	2	3	4	5	6	7	
	SECTION 1C—Contd.						
2187	Scriber Fitter	Each	1	1	1	1	1
2407	Stock Drill Hand	,,	..	1	..	1	1
6344	Wrench D/H Opened ¾″ × 13/16″	,,	1	1	1	1	1
2220	Adj. Spanner 4″	,,	..	1	..	1	1
6414	Screw driver	,,	1	1	1	1	
	SECTION 29G						
2140	Pad Lock Iron 1″	,,	1	1	1	1	1
	SECTION 101A						
169	Bar Socket Wrench Exten. 1/8″ × 12″	,,	1	1	..	1	1
167	Bar Socket Wrench Exten. 1/8″ × 8″	,,	..	1	1	..	..
229	Bar Socket Wrench Exten. 1/2″ × 10″	,,	..	1	..	1	1
	SECTION 101B						
164	Bar Sliding ⅜″ × 8″	,,	..	1	..	1	1
163	Handle Speed 3/8″—17⅜″	,,	..	1	..	..	1
193	Mail Handle ⅜″—6 15/16″	,,	1	1	1	1	1
226	Mail Handle ½″—9 13/16″	,,	..	1	..	1	1
166	Joint Socket 3/8″	,,	1	1	1	1	1
	SECTION 101C						
1048	Screw driver 4″ Blade	,,	1	1	1	1	1
194	Socket STD 12P ⅜ SQD 1/4″	,,	1	1	1	1	1
527	Socket STD 12P ⅜ SQD 5/16″	,,	1	1	1	1	1
181	Socket STD 12P ⅜ SQD 3/8″	,,	1	1	1	1	1
184	Socket STD 12P ⅜ SQD 9/16″	,,	1	1	1	1	1
185	Socket STD 12P ⅜ SQD 5/8″	,,	1	1	1	1	1
187	Socket STD 12P ⅜ SQD 3/4″	,,	1	1	..	..	1
487	Socket Spanner ½″ SQD 7/8″	,,	1	1	1	1	1
1353	Wrench D/H Open Drill 3/16″ × ¼″	,,	1	1	1	1	1
361	Wrench D/H Open Drill 5/16″ × ⅜″	,,	1	1	1	1	1
363	Wrench D/H Open Drill 7/16″ × ½″	,,	1	1	1	1	1
365	Wrench D/H Open Drill 9/16″ × ⅝″	,,	1	1	1	1	1
156	Wrench D/H Open Drill 7/8″ × 15/16″	,,	1	1	1	1	1
407	Tools S/C Taps ⅜″ 24 TPI	,,	..	..	..	1	..
1257	Wrench D/H Opened	,,	..	1	..	..	1
680	Wrench Set Screw H/H 3/8″	,,	..				
	SECTION 136P						
PWA 1399	Induction Bit	,,	..	1	..	..	1
PWA 1424	Push Rod Bit	,,	..	1	..	..	1
	SECTION 137						
NIV	Mirror Inspection	,,	..	1	..	..	..
	SECTION 1L						
137	Mail Handle 9″—4—27/64″	,,	..	1	..	..	1
105	Socket STD 12P ⅜ SQD 7/16″	,,	1	1	1	1	1
132	Socket STD 12P ⅜ SQD 1/2″	,,	1	1	1	1	1
79	Wrench Box BH ⅜″ × 7/16″	,,	1	1	1	1	1
	SECTION 301A						
123	Box Tool Metal Small	,,	1	..	1	..	..

SCALE A-5, PAR T 23

TRADESMEN TOOL KITS (AMERICAN)

FLIGHT ENGINEERS

I. A. P. 1503-A—SCALE A-5—PART 23

Flight Engineers

Stores Ref. 1*B*/*NIV*/*T*921—Contents of Tool Kit as shown below:

Ref. No.	Nomenclature	Details and Remarks	Denom. of Qty.	Qty.
1	2	3	4	5
	SECTION 1A			
2351	Fitters Clamps		Each	1
2676 or 3913	Bags Tool G.P.		,,	1
1124	File H.S.E. 6″ Smooth		,,	1
951	File Warding 4″		,,	1
1158	File H/R 8″ Smooth		,,	1
409	Chisel Chipping		,,	1
3832	Braces Engineers		,,	1
633	Drifts		,,	1
	SECTION 1B			
1328	Hammer B.P. 12 oz.		,,	1
1396	Handle File Small		,,	1
1798	Pliers R/N 6″		,,	1
4242 or 1805	Pliers Cutting 5½ in.		,,	1
1340	Hammer Hide face		,,	1
1835	Punches Nail or Pin		,,	1
2125	Rule Steel		,,	1
4110	Feelers Gauge		,,	1
	SECTION 1C			
2141 or 5582	Saws Hack Adjustable or fixed		,,	1
2163	Screwdrivers G.P. 6″		,,	1
2177	Screwdrivers W/M 6″		,,	1
6416	Screwdrivers		,,	1
6344	Wrench Open		,,	1
2187	Scriber Fitter		,,	1
5012	Sheers NIP 8″		,,	1
	SECTION 5A			
3391 or 3392 or 1967	Torch Hand		,,	1

1	2	3	4	5
	SECTION 29G			
2140	Padlocks 1″		Each	1
	SECTION 101C			
361	Wrench Open 5/16″ × ⅜″		,,	1
363	Wrench Open 7/16″ × ½″		,,	1
365	Wrench Open 9/16″ × 5/8″		,,	1
156	Wrench Open 7/8″ × 15/16″		,,	1
142 or 141	Wrench Open Adj. Jaw 8″ or 6″		,,	1

SCALE A-5, PART 24

TRADESMEN TOOL KITS (FRENCH & RUSSIAN)

***Fitter I, Fitter IIA, Fitter IIE, Instrument Repairer I, Electrician I, Fitter Armourer, Flight Mechanic Airframe, Flight Mechanic Engine, Instrument Repairer II, Electrician II, Armourer II.**

*Only for above-mentioned Tradesman working on "French and Russian aircraft".

I. A. P. 1503-A—SCALE A-5—PART 24

Stores Ref. 401*A*/1—Contents of Tool Kit to be issued to each airman of Fitter I, Fitter IIA, Fitter IIE, Instrument Repairer I, Electrician I, Fitter Armourer Flight Mechanic Airframe, Flight Mechanic Engine, Instrument Repairer II, Electrician II, Armourer II, trades working on French Aircraft, "and Russian aircraft in addition to existing scale A5".

Ref. No.	Nomenclature	Denom. of Qty.	Qty.
	SECTION 1A		
1124	File Hand Safe Edge Smooth 6″	Each	1
634	Drift Bronze 6″ × ½″	,,	1
NIV/533	Scratch Card on a wooden Handle	,,	1
	SECTION 1B		
1396	Handle File Small	,,	1
1805 or 4242	Pliers Flat Nose and Side Cutting	Pair	1
1834	Punches Nail or Pin ⅛″	Each	1
4406	Nippers Diagonal Cutting	Pair	1
4582	Hammers Cellulose Faced 12 oz.	Each	1
1328	Hammer Engineers' Balline 3/4 lb.	,,	1
4520	Handles Hammer No. 4	,,	1
	SECTION 1C		
NIV/538	Screw Driver Stubby for Dzus Fastener	,,	1
2175	Screw Driver Ratched/Pumping with plain and AMD bits	,,	1
2163	Screw Driver Plain 6″ × ⅛″	,,	1
	SECTION 29G		
2140 or 1277	Pad Lock or Godrej (small)	,,	1
	SECTION 301A		
123	Box Tool Metal Small	,,	1
	SECTION 401A		
Air 06-712-013	Brushes cleaning 30 mm.	,,	1
Air 06-712	Brushes cleaning 70 mm.	,,	1
	SECTION 401C		
Air 0-6 706-001	Fork Spanners double-ended head bent at 25°	Set	1
Air 06-706-021	Spanners ring	,,	1
Air 06-706-049	Screw Drivers Phillips sizes 4, 5 and 6	,,	1

I.A.P. 1503-A
Part 27
Scale A-5.

SCALE OF TOOL KIT FOR PAINTERS AT AIR FORCE UNITS/STATIONS

15—6 I.A.F./65

SCALE A-5, PART 27

TOOL KITS FOR PAINTERS

AT AIR FORCE UNITS/STATIONS

Tool Kits for Painters

Contents of Tool Kit for Painters as shown below:

Sec./Ref. No.	Description	Den.	Qty.
	2	3	4
1A/3826	Tool Box Medium	Each	1
1A/291	Brushes Varnish 1″	,,	1
1A/292	,, ,, 2″	,,	1
1A/295	,, ,, 4″	,,	1
1A/268	Brushes writing goose brown hair	,,	1
1A/270	Brushes writing red sable large	,,	1
1A/271	,, ,, ,, ,, ,,	,,	1
1A/348	Cans paint Large	,,	1
1A/242	Lacquer Squirel Brushes 1″	,,	1
1A/244	,, ,, ,, 2″	,,	1
1A/246	,, ,, ,, 3″	,,	1
1A/287	Brushes Stencilling	,,	1
1A/2704	Brushes Lining	,,	1
1A/481	Compass Wing 12″	,,	1
1A/3878	Brush Wire surface cleaning	,,	1
1B/1759	Plates stencil Zinc figures 1 1/2″	,,	1 Set
1B/1766	Plates Stencil Zinc letters 1 1/2″	,,	1 Set
1B/2126	Rules steel 2 ft.	,,	1
29G/2067	Padlock 2″	,,	1

SCALE A-5, PART 28

TOOL KITS FOR MOULDERS

Tool Kits for Moulders

Sl. No.	Sec/Ref. No.	Nomenclature	Denom. of Qty.	Qty.
1	2	3	4	5
1	1F/5113	Beads circular 5/8″ × 3/8″	Each	1
2	1F/5114	Beads circular 3/4″ × 1/2″	,,	1
3	1A/42	Bellow Moulder	,,	1
4	1A/3826	Boxed tool medium	,,	1
5	1F/5134	Brush Dust	,,	1
6	1F/3135	Brush Wet	,,	1
7	1A/409	Chisels chipping cold 8″ × 3/4″	,,	1
8	1F/5140	Cleaner 1/2″	,,	1
9	1F/5138	Cleaner 1/4″	,,	1
10	1F/5142	Cleaner 3/4″	,,	1
11	1F/5144	Cleaner Flange 3/8″	,,	1
12	1F/5145	Cleaner Flange 1/2″	,,	1
13	1F/5197	Cleaner Flange 3/4″	,,	1
14	1F/5153	Cleaner Scotch club 3/4″	,,	1
15	1A/1000	Files Dread noght	,,	1
16	1A/911	Files Flat 12″	,,	1
17	1A/903	Files half round 10″	,,	1
18	1A/933	Files Square 10″	,,	1
19	1F/5119	Flange upset 3/4″	,,	1
20	1B/1329	Hammer 16 oz.	,,	1
21	1F/5166	Knives $1\frac{1}{4}$″ × $1\frac{1}{2}$″ Heartened and $2\frac{1}{4}$″ × 1″ rectangular end.	,,	1
22	29F/1279	Padlock iron with key 3″	,,	1
23	1B/2125	Rules Steel 12″	,,	1
24	1F/5177	Sieves 1/8″ Mesh.	,,	1
25	1F/5175	Sieves 1″	,,	1
26	1F/5180	Smoother Recca Box $1\frac{7}{8}$″ × $1\frac{5}{8}$″	,,	1
27	1F/5186	Pipe safe end $2\frac{3}{4}$″ × 81″	,,	1
28	1F/5189	Smoother pipe square $3\frac{1}{3}$″ × $1\frac{1}{4}$″	,,	1
29	1F/5177	Smoother $1\frac{3}{4}$″ × $1\frac{1}{2}$″	,,	1
30	1F/5179	Smoother Square $1\frac{1}{2}$″ × $1\frac{1}{4}$″	,,	1
31	1F/5193	Trowel English 6″ × $1\frac{1}{2}$″ handled	,,	1
32	1F/5162	Trowel Head and Square $1\frac{5}{8}$″ × $1\frac{1}{8}$″ heat, $1\frac{5}{8}$″ × $\frac{1}{2}$″ Square.	,,	1

CASE NO. AIR HQ/39845/T58(P.C.)

I.A.P. 1503-A

(Old A. P. 830 Vol. III Part 'A' Scale A-6)

EQUIPMENT SCALES FOR THE AIR FORCES IN INDIA

SCALE A-6

TOOL KITS

FLIGHTS AND SECTIONS

(Issued for the information and guidance of all concerned)

CERTIFICATE OF AMENDMENTS

Amendment List		Amendments made by	Date
Number	Date		

MEMORANDUM OF INSTRUCTIONS

1. The scales contained in this publication detail the contents of the various tool kits to be held in Flight and Section LOCK-UPS in the Royal Indian Air Force and they constitute the authority for demanding and holding the items scheduled therein, by entitled Flights and Sections.

2. The scales are comprehensive and it may be found that certain items are not used by a particular flight or section. In such cases the items are not to be demanded simply because they appear in the scale and if they are held they are to be returned to the appropriate Equipment Depot.

3. Issues in excess of quantities allowed by these scales or of additional items, are not to be made without the prior approval of Air Headquarters.

4. The general principles laid down in A.P. 830 (India) Volume I are to be followed in all cases when dealing with tool kits.

5. In cases where amendments to any scale in this publication are considered necessary, suggestions are to be forwarded to Air Headquarters through the usual channels.

6. This publication is to be kept up-to-date by means of periodical amendments which are to be inserted as directed.

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PART 5—Pagcing Tools and Parachute Sections

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16—6 I.A.F./65

SCALE A-6, PART 4 (Issue No. 2)

TOOL KITS

EXPLOSIVES STORE HOUSES AND MAGAZINES

For Explosive Store Houses and Magazines

Sect. Ref. No.	Nomenclature	Detail and Remarks	Denom of Qty.	Qty.
1	2	3	4	5
1A/287	Brush Stencil			
1A/242	Brush Flat Squirrel 1″		Each	4
1A/244	,, ,, ,, 2″		,,	2
1A/246	,, ,, ,, 3″		,,	2
1A/4273	Spring balance 0-60 lbs.		,,	2
21C/30	Spring balance 0-100 lbs.		,,	1
1A/2668	Axes Felling		,,	1
1A/3848	Pick 4½ lb.			2
1A/3878	Brushes wire cleaning			4
1A/266	Writing crow			6
1A/2738	Cards Scratch			4
1A/520	Crow Bar 3′ 6″		Ft.	4
1A/2895	Hammer lead		Each	2
1A/4185	Hammer Rubber 3/4″ × 17/8″		,,	1
1A/1769	Pliers Round nose 6″		,,	2
1B/4426	Pliers circlip		,,	4
1B/1768	Stencil Plate letters		,,	4
1B/1761	Stencil Plate Numbers		Set	4
1B/NIV	Matchelle		,,	4
1B/1601	Nail Pullers		Each	6
1B/4242	Pliers Cutting		,,	1
1B/2121	Rules Box Wood		,,	1
1C/6249	Alen Key 1/4″		,,	1
1C/5814	Scissors Fabric		,,	6
1C/3250	Shovels G.P.		,,	1
1C/2442	Tapes measuring steel 100 ft.		,,	4
1E/5009	Brasses Magazine		,,	1
1E/5010	Bit Screw Driver 1/4″		,,	2
1E/5011	Bit Screw Driver 1/2″		,,	2
1E/5012	Scissors Magazine		,,	2
1E/3609	Cans oil Lubricating		,,	1
1L/10	Handle Ratchet 3/8″ Square Drive		,,	6
4D/437	Cabinet Tally Card Storage			2
304D/NIV	Rack Storage General Type B		,,	2
4G/3743	Pumps tyre inflating foot operated type B		,,	1
5G/2214	Testers Bomb Rack		,,	1
5G/1142	Testers Fuze	For every 50A/C on the Wing	,,	2
5Q/2843	Safety Ohmeter		,,	2
6B/117	Stop Watch		,,	2
6B/9101001	Stop Watch G. S. 1/5 Sec.		,,	1
6B/1465	Watch Holder		,,	1
4G/NIV	Horizontal test rig.		,,	1
6E/47	Thermometers Maximum and Minimum	Per each Room	,,	1
12A/2071	Tool Bomb Tail Cocking		,,	1
12A/2206	Delay Arming Device Cocking Tool		,,	6
12A/2162	Tool Socket No. 37		,,	4
12G/1322	Ammunition Key No. 215		,,	2
12G/1323	,, ,, ,, 216		,,	2
12G/998	Detonator Extractor No. 2 Mk. 1.		,,	2
12G/1001	Detonator Cavity Gauge No. 2 Mk. 1.		,,	4
			,,	4

1	2	3	4	5
12G/1242	Tools Carrying Practice Bomb	Local Manufacture.	Each	12
12G/997	Extractor Detonator No. 1 Mk. 1		,,	4
12G/1393	Gauge Cavity Detonator No. 17 Mk. I		,,	4
12L/124	Rectifiers Mk. 8		,,	2
12L/171	Boxes fusion test		,,	1
12L/127	Handles		,,	1
12L/175	Exploder Dynamo Condenser Mk. 2		,,	1
	or			
12L/169	Exploder Dynamo Mk. 7	Obsolescent	,,	1
12LL/113	Tool Crimping		,,	2
12LL/207	Wire Iridium Platinum		Feet	25
12N/50	Jigs Saddle Positioning No. 2 MK. 1.		Each	1
12N/21	Wrenches "U" 3 Mk. 1		,,	4
12N/91	Tool Fin Assembly		,,	4
12N/57	Spanner Box 1/4" (214) Mk. 1		,,	6
12N/56	Spanner Box 1/4" (RP) Mk. 1		,,	6
12N/108	Spanner Box 5/16" (RP) Mk. 1		,,	6
12N/45	Spanner Box 3/8" (RP) Mk. 1		,,	6
12N/139	Spanner C.		,,	4
21E/345	Door Mats 3′ × 2′	Per each door	,,	1
22B/3 or 66	Eye Shield antigas		,,	2
27C/2271	Hand grips Signal distress		,,	6
27H/3222	Strap Securing		,,	2
63C/73	Hygrometers		,,	1
312N/5	Keys Securing and Unsecuring fuze 1008		,,	4
4Q/1321	Drip Trays		,,	4
or				
4A/1239	Tanks Component Washing			
FM09/TYPE 51A	Telec Tester		,,	2
or				
51B				
FM09/NIV (Indigenous)	Thermosoledable pliers		,,	1

SCALE A-6, PART 5

TOOL KITS

PACKING TOOLS AND PARACHUTE SECTION

Packing Tools for Parachute Sections

NOTES.—(i) For regulations governing the scale of issue for Parachutes see K. R. and A. C. I. Para 2407 A. P. 1182 Vol. 1.

(ii) One set of these items to be demanded for each Parachute table.

Ref. No.	Nomenclature	Detail and Remarks	Denom. of Qty.	Qty.
	SECTION 1B			
	PLIERS—			
	Sidecutting—			
	Plain handle—			
1805	6-in.		Prs.	1
	SECTION 1C			
	SCREWDRIVERS—			
2175	Ratchet		No.	1
	SECTION 15A			
	PARACHUTES SPARES—			
	Tools, packing—			
109	Bags, Shot		,,	6
112	Hooks, rigging line		,,	2
..	Line, rigging, auxiliary parachute	See Ref. No. 15-A/95	6 Yds.	10
113	Pins, locking		No.	1
114	Sticks		,,	1

SCALE A-6, PART 7

TOOL KITS

STATION M. T. SECTIONS

STATION M. T. SECTIONS

Tools and Maintenance Equipment

NOTE.—Items included in this scale which are already held by tradesmen under Part 1 of the publication are not to be demanded.

Ref. No.	Nomenclature	Detail and Remarks	Denom. of Qty.	Qty.
1	2	3	4	5
	SECTION 1A			
	BARS—			
	Tommy—			
31	6-in. × 5 16-in.		No.	1
36	18-in.		,,	1
	BOXES, tool, standard—			
3716	Large		,,	1
	BRUSHES—			
	Varnish—			
291	1-in.		,,	3
292	2-in		,,	4
295	4-in		,,	2
	Wire, surface cleaning—			
3369	Large		,,	1
266	Writing, crow.		,,	2
348	CANS, paint		,,	2
	DRILLS, twist—			
	Straight shank—			
757	1/4-in.		,,	1
759	9/32-in.		,,	1
761	5/16-in.		,,	1
763	11/32-in.		,,	1
765	3/8-in.		,,	1
	Wire gauge, singles—			
3390	No. 12		,,	1
3429	No. 26		,,	1
3437	No. 34		,,	1
3457	No. 44		,,	1
3511	No. 51		,,	1
3516	No. 54		,,	1
	FUNNELS—			
1175	Petrol, rectangular		,,	1
	SECTION 1B			
	IRONS, soldering—			
	Common —			
1485	2 lb. 5 oz		,,	1

1	2	3	4	5
	SECTION 1B—Contd.			
	Irons—contd.			
	Electric, medium—			
4230 or 4231 or 4232	110-120 volts 200-220 volts 230-250 volts	(*a*) All ground electrical appliances operated from a mains supply are to be held on station inventories and are not to be transferred from a station without Air Headquarters' authority. Voltage as required.	No.	1(*a*)
4166	LAMPS, brazing 5 point, type B		,,	1
	MEASURES, oil—			
4255	1 pint		,,	1
4256	½ gallon		,,	1
4257	1 gallon		,,	1
	OILSTONES—			
1647	General purposes, fine		,,	1
	SECTION 1C			
	SAWS, hack—			
5582	Fixed			
	Blades, 12 in.—		,,	1
5583	18 teeth per in.		,,	3
2143	32 teeth per in.		,,	3
	SCRAPERS, fitters'—			
3189	Flat		,,	1
2157	Half Round		,,	1
2158	Three square		,,	1
	SPANNERS—			
	Double ended—			
5029	1/2-in. × 9/16 in. whit.		,,	1
5030	5/8-in. × 3/4 in. whit.		,,	1
2253	7/8-in. × 1 in. whit.		,,	1
2254	1-8/ in. × 1¼ in. whit.		,,	1
	STOCKS, drill—			
2408	Breast		,,	1
2407	Hand		,,	1
2433	SYRINGES, oil		,,	1
	TAPES—			
2441	Measuring, steel, 50 ft.		,,	1
	TOOLS—			
	Screwcutting—			
	Dies :—			
	B.S.C. thread—			
	R.H.—			
6096	3/16 in. × 26 T.P.I.		,,	1
6097	3/16 in. × 32 T.P.I.		,,	1

1	2	3	4	5
	SECTION 1C—contd.			
	TOOLS—contd.			
	Screwcutting—contd.			
	Dies—contd.			
	R. H.—*Contd.*			
6098	1/4 in.×26 T.P.I.		No.	1
6099	1/4 in.×30 T.P.I.		,,	1
6100	5/16-in.×26 T.P.I.		,,	1
6101	3/8 in.×26 T.P.I.		,,	1
6102	1 in.×24 T.P.I.		,,	1
6103	1 in.×26 T.P.I.		,,	1
	Whitworth thread—			
	L.H.—			
6105	9/16-in.×20 T.P.I.		,,	1
	R.H.—			
6104	9/16-in.×20 T.P.I.		,,	1
	Stocks—			
6060	13/16-in.		,,	1
6061	1 5/16 -in.		,,	1
6062	2 1/4-in.		,,	1
	Taps—			
	Bottoming—			
	B.S.C. thread—			
	R.H.—			
6108	3/16 in.×26 T.P.I.		,,	1
6109	3/16 in.×32 T.P.I.		,,	1
6110	1/4 in.×26 T.P.I.		,,	1
6111	1/4 in.×30 T.P.I.		,,	1
6112	5/16 in.×26 T.P.I.		,,	1
6113	3/8 in.×26 T.P.I.		,,	1
	Whitworth thread—			
	L.H.—			
6122	9/16-in.×20 T.P.I.		,,	1
	R.H.—			
6120	9/16-in.×20 T.P.I.		,,	1
	Double-ended special—			
	B.S.C. thread—			
	L.H. and R.H.—			
6106	1·370-in.×24 T.P.I.		,,	1
	Whitworth thread—			
	L.H. and R.H.—			
6107	1·376×20 T.P.I.		,,	1
	Taper —			
	B.S.C. thread—			
	R.H.—			
6114	3/16 in.×20 T.P.I.		,,	1
6115	3/16 in.×32 T.P.I.		,,	1
6116	1/4 in.×26 T.P.I.		,,	1
6117	1/4 in.×30 T.P.I.		,,	1
6118	5/16 in.×26 T.P.I.		,,	1
6119	3/8 in.×26 T.P.I.		,,	1
	Whitworth thread—			
	L.H. —			
6123	9/16-in.×20 T.P.I.		,,	1
	R.H.—			
6121	9/16-in.×20 T.P.I.		,,	1

1	2	3	4	5
	SECTION 1C—Contd.			
	TOOLS—contd.			
	Taps—contd.			
	Wrenches—			
6063	Tap		No.	1
6064	Tap		,,	1
6065	Tap		,,	1
6438	Self grip 7″		,,	1
6439	Self grip 10″		,,	1
	Valve repair—			
6124	Schrader No. 3263		,,	1
	VICES :—			
	Fitters :—			
2607	$3\frac{1}{4}$ in. Jaws		,,	1
2609	$4\frac{1}{2}$ in. Jaws		,,	1
	PNEUMATIC EQUIPMENT—			
1023	Inflators, tyre, automatic— Model "Kismet" 99/5	(*c*) Only for those M.T. sections not equipped with compressed air installations. (*d*) For sections holding ten to fifty vehicles. One additional Inflator to be issued for sections holding more than fifty vehicles. Maximum two.	,,	1 (*c*) (*d*)
	SECTION 3A			
	PNEUMATIC EQUIPMENT			
	Pistols :—			
	Paint spraying—			
	Type B—			
1058 or 1224 or 1225	Aerograph type T.C. A.I.D. Model No. 2 Colour spray, type H. B.	..	,,	1
	Containers, paint, 1 Quart—			
1084 or 1223 or 1226	Type A Type B Type C	For Aerograph Type T.C. Pistols only. For Aerograph. Type T.C. and A.I.D. Model No. 2 pistols. For Colour spray. Type H. B. pistols only.	,,	1
1970	Machine valve grinding Electric wet grinder, 230-250 volt AC/DC Model (VRSD)		,,	1
	SECTION 4A			
	APPARATUS—			
	Tyre repairing sets—			
	Consisting of—			
1648	Brushes, wire		,,	1
1649	Buffers cover		,,	1
1650	Guns, Dough		,,	1
1651	Knives, skiving		,,	1
1652	Rasps, rat tail		,,	1

1	2	3	4	5
	SECTION 4A—contd.			
	APPARATUS—contd.			
	Tyre repairing Sets—contd.			
1654	Dough, tyre	For use with guns, dough Cartidges Ref. No. 4A/1650.		
7	BENCHES, fitters'	Where adequate benches are not already provided.	No.	1
2109	FUNNELS, plastic	(*t*) Accumulator charging rooms :—2 funnels for each room used for both acid and alkaline charging : 1 funnel for each room used for either acid or alkaline charging. Accumulator charging vehicles : 2 funnels for each vehicle.	,,	(i)
	SECTION 4F			
	COMPRESSORS, Air—			
1693	Type L	(*e*) For sections holding ten to fifty vehicles. One additional Compressor to be issued for sections holding more than fifty Vehicles. Maximum two.	,,	1(*c*)(*e*)
N.I.V.	GAUGES, tyre pressure, wall Type complete with inflator	(*h*) Only for those sections equipped with compressed air supply.	,,	1(*h*)
1307	METERS, brake testing	(*k*) No further issues of this item will be made, but sections already holding them are to retain them.	,,	1(*k*)
	SECTION 4K			
	HOSE, water, 1-in. diam.—			
	30 ft. lengths—			
70	Type A		Lengths	1
342	Clips		No.	1
343	Nozzles		,,	1
344	Unions, female		,,	1
	PUMPS, tyre inflating—			
	Foot operated—			
1609	Type B	Only for those sections equipped with compressed air supply or holding less than ten vehicles.	,,	1
2310	Tubes, composition, Type			

1	2	3	4	5
	SECTION 5A			
390	LAMPS, inspection— Type B		No.	1
476	TORCHES, electric— Type A		,,	2
	SECTION 5J			
	ACCUMULATORS— Alkaline— Accessories—			
1650	Hydrometers, Sets, Type B		Set	1
	Lead acid— Accessories—			
1579	Hydrometers, sets, type B		,,	1
	BATTERIES, dry 4·5 volts— No. 2—			
1576	Type B	For Torch electric, type A (Ref. No. 5-A/476), 1 as spare type B batteries for India.	,,	2
	SECTION 5L			
	LAMPS, filament :— 16 c.p.	For use with lamps inspection, type B (Ref. No. 5-A/390). Voltage as required.	,,	1
	SECTION 14B			
107	FUNNELS, steel, 6-in.		,,	1
	SECTION 16B			
	GAUGES—			
N.I.V.	Tyre pressure	(*m*) For sections holding vehicles with tyre pressure of over 70 lbs. per sq. in.	,,	1 (*m*)
2095	Hand, 10-70 lb.	Per 10 vehicles held .	,,	1
2232	ROPES, towing steel	(*n*) 2 per every twenty-five vehicles held.	,,	1 (*n*)
	SECTION 16C			
2001	Extractors, Terminal, "Nife" Accumulator.		,,	2
2267	GAUGES, Wheel alignment		,,	1
3247	KIT, cleaner for British and multihole nozzle in canvas holdall.	(*q*) 1 per station using Diesel engines.	,,	(*q*)
	LEVERS, type—			
2003	Cranked		,,	3
2037	Spoon		,,	3
2004	Stright		,,	3
	SPANNERS— Box—			
2006	Accumulator, "Nife" or terminal nut		,,	2
3248	TESTING OUTFIT, nozzle, with pressure gauge and fuel containers.		,,	(*q*)

1	2	3	4	5
	SECTION 16C—Contd.			
	WRENCHES—			
3410	Wheel nut universal (6 way)		Set	1
4197	VULCANISERS		No.	1
4006	CHANGERS, type :— Type 'A'	(*f*) For units holding more than 25 vehicles.	,,	1(*f*)
4284	COMPRESSORS, Grease :— Type 'C'	(*g*) One for each fifty and part of fifty vehicles held. Type B (Ref. No. 4H/1234) may be issued in lieu to permanent Stations.	,,	1(*g*)
4010	Pistons, Follower		,,	1(*g*)
4026	LAMPS, Catalytic :— Type B	(*j*) One per water cooled engine on establishment.	,,	1(*j*)
	MACHINES :—			
	Sparking plug cleaning			
4501	Type A		,,	1
4544	PUMPS, Oil delivery		,,	1
4017	SPRAYERS, Penetrating Oil		,,	1
4018	STANDS, axle		Set	1
	TRAYS Drip :—			
4021	M. T. 3 ft. × 2ft.	To be manufactured in Station Workshop when required.	No.	2
	JACKS Lifting—			
	4 ton			
4002	Double Gear Tower 10 tons		,,	2
4247	Lever, Hydraulic	(*i*) For Sections holding A. F. C. Tractors, Tankers Coles, Lorraine and other similar types of cranes and vehicles of unladen weight in excess of 8 tons.	,,	1(*i*)
4003	Hydraulic	Per 25 vehicles held maximum two.	,,	1
4283	Machines Testing sparking plugs.		,,	1
	SECTION LV6/MT 12			
NIV/502	Kit, Nozzle Cleaning	Pt. No. CB/ET. 533 For Units under taking 2nd Echelon repairs.	Set	1
	CONSISTING OF—			
NIV/503	Cleaning Tool for use with pintole hole cleaner.	CB/ET.	EA	6
NIV/504	Probing Tools	CB/ET/120	,,	1
NIV/505	Nozzle body Groove Cleaner	CB/ET/071	,,	1

1	2	3	4	5
	SECTION LV6/MT12—Contd.			
NIV/506	Brass Wire Bush	CB/ET/068	EA	1
NIV/507	Domes Cavity Cleaner (18 MM Dome) Long Stem.	CB/ET/138	,,	1
NIV/508	Angular Cavity Cleaner		,,	1
NIV/509	Nozzle body Pin Cleaner (12 MM Dome)	CB/ET/072	,,	1
NIV/510	Nozzle body seat Scraper (Long Stem)	CB/ET/124	,,	1
NIV/511	Nozzle body seat Scraper	CB/ET/070	,,	1
NIV/512	Pintle Hole Cleaner	CB/ET/069	,,	1
NIV/513	Nozzle Flushing Adaptor	CB/ET/137	,,	1
	SECTION 42QG			
NIV/501	Cylinder Liner Extractor (Cub Engine)	To be manufactured locally for Units undertaking 2nd Echelon repairs.	,,	1
	SECTION 29			
	PADLOCKS—			
2067	Iron, 2-in. special		No.	1
	SECTION 32B			
403	SPONGES, Natural	(*o*) 1 per ten vehicles	,,	(*o*)
	SECTION 101A			
	BARS—			
	Socket Wrench extension—			
	1/2-in. square drive—			
1564	6-in. length	Now held under 1L/48	,,	1
	SECTION 101B			
	HANDLES—			
	Socket wrench—			
	Sliding bar tee—			
	1/2-in. square drive—			
225	15-in. length	Replaces 101B/385 IN/L 385.	,,	1
	SECTION 101C			
	SOCKETS :—			
	Standard :—			
	12 point :—			
	1/2-in. square drive—			
243	7/16-in.	(*p*) Only for sections holding American, Bed Ford and Ford vehicles. 1 of each tool for each ten or part of ten, American, Bed Ford and Ford vehicles held.	,,	1(*p*)
244	1/2-in.		,,	1(*p*)
245	9/16-in.		,,	1(*p*)
247	5/8-in.		,,	1(*p*)
248	11/16-in.		,,	1(*p*)
249	3/4-in.		,,	1(*p*)
250	25/32-in.	Replaces 101/C/246 .	,,	1(*p*)
251	13/16-in.		,,	1(*p*)
252	7/8-in.		,,	1(*p*)
253	15/16-in.		,,	1(*p*)
254	1-in.		,,	1(*p*)
138	1 1/16-in.		,,	1(*p*)
350	1⅛-in.		,,	1(*p*)
820	1 3/16-in.		,,	1(*p*)
351	1¼-in.		,,	1(*p*)

1	2	3	4	5
	SECTION 101C—Contd.			
	TOOLS—			
	Screwcutting—			
1637	American thread (U. K.)	(*r*) Not to be multiplied up—pro-rata Replaces 101-C/438.	No.	1(*p*) (*r*)
	WRENCHES—			
	Box, double head—			
	12 point—			
	15 deg. angle—			
144	5/16-in. and 3/8-in.	These replace the following :— 101-C/441, 443, 444, 489, 334, 286 and 287.	,,	1(*p*)
720	3/8-in. and 7/16-in.		,,	1(*p*)
719	1/2-in. and 9/16-in.		,,	1(*p*)
21	5/8-in. and 11/16-in.		,,	1(*p*)
294	3/4-in. and 7/8-in.		,,	1(*p*)
295	15/16-in. and 1-in.		,,	1(*p*)
869	1-1/16-in. and 1-in.		,,	1(*p*)
	Open end—			
	Double head—			
	15 deg. angle—			
1353	3/16-in. and 1/4-in.	These replace the following 101-C/493, 280, 281, 282, 283, 369, 370 and 371.	,,	1(*p*)
361	5/16-in. and 3/8-in.		,,	1(*p*)
363	7/16-in. and 1/2-in.		,,	1(*p*)
365	9/16-in. and 5/8-in.		,,	1(*p*)
1310	11/16-in. and 25/32-in.		,,	1(*p*)
155	3/4-in. and 13/16-in.		,,	1(*p*)
156	7/8-in. and 15/16-in.		,,	1(*p*)
1407	1-in. and 1⅛-in.		,,	1(*p*)
1257	1-1/16-in. and 1¼-in.		,,	1(*p*)

List of Additional Specialist Tools and Equipments

Sl. No.	Sec./Ref. No.		Description	Denom. of Qty.	Qty.
1	2		3	4	5
1	16C 3396	ET/025	Delivery Valve CAV Injector with Tommy bar.	EA	1
2	16C 3408	ET/144	Bell crank Lever Pin CAV Injector	,,	1
3	16C 3391	ET/569B	Elements & Plunger Extractor	,,	1
4	16C 3405	ET/431	Bush Control Rod	,,	1
5	16C 3349	ET/077	Expander Fuel Pipe	,,	1
6	16C 3393	ET/105	Spanner CAV Injector Closing Nut.	,,	1
7	16C 3387	ET/117	Spanner CAV Injector Spring Cap Nut.	,,	1
8	16C 3284		Tester Nozzle	,,	1
9	LV6/MT2	WX0985	Tester, Bench, Electric, Fuel Injection Pump.	,,	1
10	LV6/MT2	CB/ET/106	Base Plate BPEB type pumps c/w Screws Fixing.	,,	1
11	LV6/MT2	CB/ET/104	Adjusting Tappets	,,	2
12	LV6/MT2	CB/ET/105	Spanner Closing Plug	,,	1
13	LV6/MT2	CB/ET/119	Compression Screw	,,	2
14	LV6/MT2	CB/ET/011	Coupling Spanner	,,	1
15	LV6/MT2	CB/ET/426	Tool Broaching c/w needles	,,	1
16	LV6/MT2	CB/ET/078	Tool Nupple Forming	,,	1
17	LV6/MT2	CB/ET/066	Tool Spring Clamping	,,	1
18	LV6/MT2	CB/ET/008	Extractor	,,	1
19	LV6/MT2	CB/ET/026	Extractor	,,	1
20	LV6/MT2	CB/ET/440	Extractor Delivery Valve	,,	1
21	LV6/MT2	CB/ET/065	Spring Key Regulator	,,	1
22	LV6/MT2	CB/ET/112	Key Crank Shaft Fixing Nut	,,	1
23		IB/1107	Pliers sleeve fixing	,,	1
24		IB/4242	Pliers cutting 5½″	,,	1
25	IB/1783		Pliers flat noze 6″	,,	1

1	2	3	4	5
26	SL 60	Wrench for fitting injectors	EA	1
27	V 391	Engine Cranking device	,,	1
28	WZ/PL/2132	India. Tool for removal and replacement of cylinder liners.	,,	1
29	EFEP 143A	Bosch cleaning device for fuel	,,	1
30	EF 8486	Filters B—Bosch nozzle cleaning outfit	,,	1
31	500729	Extractor Injectors (Leyland)	,,	1
32	245342	Grip	,,	1
33	X 69610	Lap	,,	1
34	240964	Cleaning Tool	,,	1
35	241366	Extractor	,,	1
36	193263	Ring Spanner	,,	1
37	242250	Hollow Drift	,,	1
38	238206A	Fuel Pump Jig	,,	1
39	280090	Alignment Jig	,,	1
40	294841 294842 294841/3	Lap Matrix Lape Seating only	,,	1
41	298462	Extractor (used on 0·350 Engine)	,,	1
42	ET/122A	Injector Test Pump	,,	1

Tool Kits

Signal/Radar (Air) Sections Lock up.

Consisting of:—

(a) Squadron Signals Radar Lock up.

(b) Minor Units Lock up.

- (i) All Tactical Air Centres (T.A.C.).
- (ii) All Signals Units (Mobile GCI Station).
- (iii) All Signals Units (Early Warning Station).
- (iv) All Signals Units (Blue Study Ground—600 Series)
- (v) No. 17 Signals Unit.
- (vi) All M.E.Us.
- (vii) All Equipment Depots.
- (viii) All X.M.Us.
- (ix) All A.L.Gs.
- (x) F.S.D.
- (xi) No. 1 G.T.S.
- (xii) A.F. Liaison Cell (Lucknow).
- (xiii) Joint HQ Bombay.
- (xiv) A.F. Admin. College.
- (xv) M.C.D.C.

(c) Major Units Lock up.

- (i) All Wings.
- (ii) All Signals Units (S.O.Cs.).
- (iii) All Command (Units).
- (iv) Air Force Signals Centre.
  - (1) HQ AF Signals Centre.
  - (2) AFSC Dett. Ridge.
  - (3) AFSC Dett. Gurgaon.
- (v) A.M.C.Cs.
- (vi) J.T.Ws.
- (vii) B.R.Ds.
- (viii) T.T.Ws.
- (ix) P.T.E.
- (x) No. 1 Staging Post.
- (xi) No. 2 G.T.S.
- (xii) Air Force Flying College.
- (xiii) Air Force Storage Unit.

(a) Scale of Tools Squadron Signals/Radar

Section/ Ref. No.	Nomenclature	Denom. of Qty.	Sqdn. Signals	Sqdn. Radar
1	2	3	4	5
1A/3848	Axes Pick 4½ lb.	EA	1	1
3864	Bars Tommy 3½″ (4605) 3/16″×4″	,,	1	1
31	Bars Tommy 6″×5/16″	,,	1	1
3716	Tool Boxes Standard (Large)	,,	1	1
	BRUSHES			
3947	Commutator cleaning	,,	1	1
3691	Dusting	,,	1	1
287	Stencil	,,	1	1
291	Warnish 1 inch Flat	,,	1	1
270	Writing : Red Sable large	,,	1	1
271	Writing : Red Sable Small	,,	1	1
	CANS LUBRICATING			
345	Large	,,	1	1
3715	Small	,,	1	1
2738	Cards Scratch	Ft.	2	2
	CHISELS			
440	Chipping cold 6″×½″	EA	1	1
409	Chisels chipping cold	,,	1	1
2741	Chisels cross cut	,,	1	1
	CROW BARS			
520	3 ft. 6 in.	,,	1	1
	FILES BASTARD			
903	Half Round 10″	,,	1	1
907	Hand Safe Edge 4 in.	,,	1	1
924	Round 10″	,,	1	1
	FILES WARDING			
951	Cut both sides 4″	,,	1	1
1117	Files smooth Half Round 6″	,,	1	1
1A/1124	Files Smooth Hand Safe Edge 6″	,,	1	1
3861	Files Equalising	,,	2	2
887	Eye Glasses Watch Makers	,,	1	1
1B/4186	Drill size 1-60	Set	1	1
4212	Gauges wire	EA	1	..
4110	Gauges Fesler English 4″	,,	1	1
4356	Adaptors No. 807	,,	1	1
	HAMMERS			
1327	Hammers Filter Ball Pane 8 ozs.	,,	1	1
1329	Filters Ball Pane 16 ozs.	,,	1	1
1332	Filters Ball Pane 32 ozs.	,,	1	1
4473	Hammers No. 1	,,	1	1

1	2	3	4	5
	HAMMERS—Contd.			
1340	Hide Faced No. 1	EA	1	1
4420	Hammers No. 4	,,	1	1
1391	Watch Makers	,,	1	1
	HANDLES			
1396	Handles Files No. 3	,,	3	3
1394	Handles Files large	,,	1	1
	IRONS			
1484	Common 8 ozs.	,,	1	..
4497	230/250 V 65 W	,,	1	1
4229	230/250 V 240 W	,,	1	1
11/NIV/1	Henley's Iron Soldering 230/250 V.	,,	1	1
1601	Nail puller or Extractor	,,	1	..
1514	Lamps Brazing 1 Pint	,,	1	..
	PLIERS			
1783	Pliers Flat nose 6″	Prs.	1	1
1788	Pipe Grip 7 in.	,,	1	1
1794	Quick Grip No. 3	,,	1	1
4242	Pliers cutting 5½″	,,	1	1
4107	Pliers sleeve fixing	,,	1	1
1B/2970	Pliers watch makers Flat nose	,,	1	1
1821	Punches centre	EA	1	1
2125	Rules Steel 12 in.	,,	1	1
	SAWS HACK			
1C/2141	Frame adjustable	,,	1	1
5583	Blades 18 teeth per inch	,,	6	6
2143	Blades 32 teeth per inch	,,	6	6
2154	Scissors Laboratory	Prs.	1	1
	SCREW DRIVERS			
5321	Common 8 in.	EA	1	1
2167	Common 18 inch	,,	1	1
2175	Ratchet 5″ × ¼″	,,	2	2
2176	Watch maker 3/16″ × 3″	,,	1	1
3545	Tweezers watch maker	,,	1	1
3190	Instrument makers sets	Set	1	1
2198	Sheers watch makers	Prs.	1	1
	SPANNERS BOX			
	Double End			
5579	0 BA × 2 BA	,,	1	1
5580	4 BA × 6 BA	,,	1	1
5841	2 BA × 4 BA	,,	1	1
5035	½″ × 5/16″ whit.	,,	1	1
	Single ended			
5383	2 BA	EA	1	1
5384	4 BA	,,	1	1
5854	Universal	Set	1	1
	STOCKS DRILL			
2407	Hand	EA	1	1

1	2	3	4	5
	STAMPS STEEL			
3244	Figures 0-9 sets of 9	Set	1	1
3245	Letters A-Z, sets of 26	Sets	1	1
	TAPES MEASURING			
1C/5032	Linen 50 ft.	EA	1	1
5232	Tools cable stripping	,,	1	1
	VICES FITTERS			
5532	2½ inch jaws	,,	2	2
2615	Vices Hand 8 ozs.	,,	1	1
3200	Shovels	,,	1	1
	SECTION 1H			
6	Cleaners Contact No. 1	,,	3	3
1	W/T Relay adjusting sets	Set	1	..
88	Tools Extracting	EA	1	1
	SECTION 3A			
221	Machines Grinding Bench	,,	1	1
	SECTION 4K			
NIV	Trolley Test and Work Bench	,,	1	1
	SECTION 5A			
1968	Lamps Head Band 4·5V.	,,	1	1
1901	Blower Air	,,	1	1
3391	Torch Type C.	,,	2	2
	SECTION 5J			
3187	Batteries Dry 1·5 V.	,,	4	4
	SECTION 6E			
275	Glasses Magnifying	,,	1	1
	SECTION 10AB			
6	Tool Extracting type 2	,,	1	1
	SECTION 10D			
156	Tool Tuning	,,	1	1
	SECTION 29G			
1277	Pad lock iron 1½′ or Godrej	,,	1	1

(b) Scale of Tools for Minor Units

Sl. No.	Ref. No.	Nomenclature	Dem.	RX	TX
1	2	3	4	5	6
		SECTION 1A			
1	523	Bars Crow 5′ 6″ × 1½″	EA	..	1
2	3716	Boxes, tool standard large	,,	..	
3	3826	Boxes tool standard medium	,,	1	..
4	3848	Axes pick 4½″	,,	..	1
5	3947	Brushes	,,	..	1
6	3691	Brushes Dusting	,,	1	1
7	291	Brushes Varnish flat 1″	,,	..	1
8	3715	Cans lubricating small	,,	1	1
9	2738	Cards scretch	,,	1	1
10	3587	Cleaners contact	,,	1	1
11	3389	Drilltwist wire gauge 3389 to 3411 No. 1 to No. 23 (3427 to 3444 No. 27 to 44)	Set	1	1
12	3750	Extractor screw set	,,	..	1
13	3861	Files equalising C. B. Pts.	,,	..	1
14	901	Files H/Round Bastard 6″	EA	1	1
15	903	Files H/Round Bastard 10″	,,	..	1
16	1117	Files H/Round Smooth 6″	,,	1	1
17	908	Files hand Bastard 6″	,,	..	1
18	909	Files hand Bastard 8″	,,	..	1
19	1124	File hand smooth 6″	,,	1	1
20	921	Files round bastard 6″	,,	..	1
21	924	Files round bastard 10″	,,	..	1
22	1138	Files round smooth 4″	,,	..	1
23	931	Files round square 8″	,,	..	1
24	937	Files Triangular 4″	,,	..	1
25	1157	Files Triangular smooth 6″	,,	1	1
26	4105	Tommy bars 3/15″ × 4″	,,	..	1
27	4107	Tommy bars 3/8″ × 6″	,,	..	1
28	32	Tommy bars 8″	,,	..	1
		SECTION 1B			
29	4186	Drill size 1-60	Set	..	1
30	4212	Gauges wire imperial 1—36	..	..	1
31	4110	Gauges English Feeler 4″	..	..	1
32	1327	Hammer engineer Ball pane ½ lb.	..	1	1
33	1329	Hammer engineer Ball pane 1 lb	EA	..	1
34	1358	Hammer engineer Cross pane	,,	1	1
35	1340	Hammer Hidefaced No. 1	,,	..	1
36	1391	Hammer watch maker	,,	1	1
37	1396	Handles file small	,,	6	6
38	1394	Handles file large	,,	6	6
39	4496	Iron soldering 24 V 60 Watts with pencil bit	,,	..	1
40	4232	Iron soldering electrical type 230/250 V 125 Watts		1	1
41	4487	Mirrors inspecting	,,	1	1
42	1601	Nail puller or extractor	,,	..	1
43	1783	Pliers flat nose 6″	,,	1	1
44	2970	Pliers taper nose 2½″	,,	1	1
45	4242	Pliers parallel jaws 6½″	,,	1	1

1	2	3	4	5	6
		SECTION 1B—Contd.			
46	1775	Pliers side cutting insulated Handle E 8	EA	1	1
47	4107	Pliers sleeve fixing 6″	,,	..	1
48	1821	Punches centre 4″	,,	..	1
49	1834	Punches round tapered point •108	,,	..	1
50	2125	Rules steel 12″	,,	1	1
		SECTION 1C			
51	2141	Saw hack adjustable 9″—12″	,,	1	1
52	5583	Blades hack saw 18 teeth/inch.	,,	6	6
53	5584	Blades hack saw 24 teeth/inch.	,,	6	6
54	5321	Screw driver common 8″	,,	1	1
55	2165	Screw driver common 12″	,,	1	1
56	6410	Screw driver cross point Phillips No. 1	,,	1	..
57	6411	Screw driver cross point Phillips No. 2	,,	1	1
58	6412	Screw driver cross point Phillips No. 3	,,	1	..
59	6513	Screw driver cross point Phillips No. 4	,,	1	..
60	3190	Screw driver Inst. makers set	,,	1	1
61	2176	Screw driver watch makers 3/16″ × 3″	,,	1	1
62	2177	Screw driver watch makers 3/16″ × 6″	,,	1	1
63	2198	Shears watch maker	,,	1	1
64	3200	Shovels general purpose	,,	..	1
65	3209	Spades	,,	..	1
66	2220	Spanners adjustable 4″	,,	1	1
67	2408	Stock drill breast	,,	..	1
68	2407	Stocks drill hand	,,	1	1
69	2441	Tapes measuring steel 50′	,,	..	1
70	5250	Tools cables stripping	,,	1	1
71	3545	Tweezers watch makers	,,	1	1
72	3546	Vices fitters bench 3¼″	,,	1	1
73	6242	Wrenches allen key 1/16″	,,	1	1
74	6245	Wrenches allen key 1/8″	,,	1	1
		SECTION 1H			
75	100	Tools extractor radio valve	,,	1	1
		SECTION 1L			
76	NIV/1	Henleys soldering iron units introduced in R. O. 16/53.	,,	1	1
77	15	Pliers cable stripping	,,	1	1
78	36	Screw drivers 6″ insulated blade	,,	1	1
79	28	Spanners BA sizes 0 × 2 BA	,,	1	1
80	29	Spanners BA sizes 4 × 6 BA	,,	1	1
81	883	Machine electric drilling hand portable 1/4″ clutch 230/250 V 1/4″.	,,	..	1
82	221	Machine grinding bench 7″	,,	..	1
		SECTION 5A			
83	1901	Blower air porable 240/225V type AC/DC	,,	1	1
84	390	Lamp inspection type B.	,,	1	1
85	3391	Torches electric	,,	1	1
		10 AG			
86	20	Valve pin adjusting	,,	1	1
		SECTION 29G			
87	1277	Pad lock Godrej small	,,	1	1

1	2	3	4	5	6
		SECTION 210H			
88	197	Rawl Tool Kit consisting of	EA	..	1
89	198	Rawl Plug Tool Holder, No. 8	,,	..	1
90	199	Rawl Plug Tool Holder, No. 10	,,	..	1
91	200	Rawl Plug Tool Holder, No. 12	,,	..	1
92	201	Rawl Plug Tool Holder, No. 14	,,	..	1
93	202	Rawl Drill Jumper Bits No. 8	,,	..	1
94	203	Rawl Drill Jumper Bits No. 10	,,	..	1
95	204	Rawl Drill Jumper Bits No. 12	,,	..	1
96	205	Rawl Drill Jumper Bits No. 14	,,	..	1
97	206	Rawl Drill Screw Gauge	,,	..	1
98	207	Rawl Drill Extractor	,,	..	1
99	208	Rawl Plug No. 8 × 1″ size	,,	..	1
100	209	Rawl Plug No. 8 × 2″ size	Initial issue of one box of 100 each with kit. Afterwards will be demanded on as reqd. basis.		
101	210	Rawl Plug No. 10 × 1½″ size			
102	211	Rawl Plug No. 12 × 2″ size			
103	212	Rawl Plug No. 14 × 2″ size			
104	213	Rawl Plug No. 14 × 2″ size			

List of Tools and Other Items required for servicing T.D.O. Collins Transmitter in Units holding the Equipment

1C/6414	Screw drivers C. P. (Phillips) 3/16″ × 2′/2″	Qty. 2
1C/6415	Screw drivers C. P. (Phillips) 1/4″ × 4″	Qty. 2
1C/4241	Wrenches Allen Key 3/64″	Qty. 2
1C/6242	Wrenches Allen Key 1/16″	Qty. 2
1C/6243	Wrenches Allen Key 5/64″	Qty. 2
1C/6244	Wrenches Allen Key 5/32″	Qty. 2
1L/15	Pliers cable stripping	Qty. 2
1L/36	Screw drivers 6″ Insulated Blade	Qty. 2
1L/78	Spanner American Type	Qty. 2
1L /79	Spanner American Type	Qty. 2
1L/80	Spanner American Type	Qty. 2
1L/146	Spanner American Type	Qty. 2
1L/147	Spanner American Type	Qty. 2
1L/83	Spanner American Type	Qty. 2
1L/84	Spanner American Type	Qty. 2
1L/148	Spanner American Type	Qty. 2
1L/85	Spanner American Type	Qty. 2
1L/86	Spanner American Type	Qty. 2
1H/10	Pliers adjusting No. 1	Qty. 2
1H/64	Pliers adjusting No. 1	Qty. 2
1H/9	Pliers adjusting No. 1	Qty. 2
1H/30	Pliers adjusting No. 1	Qty. 2
1H/31	Pliers cord repair No. 1	Qty. 2

(c) *Scale of Tools for Major Units*

Ref. No.	Nomenclature	Den.	Sigs/ Radar/ Wksp.	RX Stn.	TX Stn.	A.T.C.
1	2	3	4	5	6	7
	SECTION 1A					
3848	AXES PICK 4½ lb.	EA	1	..	1	..
3864	BARS TOMMY 3½″ × 3/16″ (4105) 3/16″ × 4″.	,,	1	..	1	..
31	BARS TOMMY 6″ × 5/16″ (4107) 3/8″ × 6″.	,,	1	..	1	..
32	BARS TOMMY 8″ taper	,,	1	..	1	..
3716	Boxes Tool Standard (large)	,,	1	..	1	..
3826	Boxes Tool Standard (Med.)	,,	2	1	1	1
	BRUSH					
3947	Commutator Cleaning	,,	2	..	1	1
3691	Dusting	,,	4	2	2	2
3693	Engine Cleaning	,,	1	..	..	..
287	Stencil	,,	1	..	..	..
291	*Varnish* : 1 inch Flat	,,	2	1	1	1
270	*Writing* : Red Sable, Large	,,	1	..	1	..
271	*Writing* : Red Sable, Small	,,	1	..	1	..
	CLIPERS COMMON					
315	Inside 4 inches	,,	1	..	..	..
316	Outside 4 inches	,,	1	..	..	..
4014	Vernier	,,	1	..	..	..
	CANS LUBRICATING OIL					
345	Large	,,	1	..	..	..
3715	Small	,,	1	..	..	1
	CHISELS, CHIPPING, COLD					
440	6 in. × 1/2 in.	,,	1	..	1	..
409	8 in. × 3/4 in.	,,	1	..	1	..
2741	Cross Cut	,,	1	..	1	..
	CROWBARS					
520	3 ft. 6 in.	,,	1	..	1	..
523	5 ft. 6 in. × 1½″	,,	1	..	1	..
621	Dividers Spring	,,	2	..	..	..
	DRILLS, TWIST					
680	Wire Gauge, Sets	Set	2	..	1	..

1	2	3	4	5	6	7
	SECTION 1A—Contd.					
	FILES, BASTARD					
903	Half Round, 10 in.	EA	2	..	1	..
907	Hand Safe Edge, 4 in.	,,	1	..	1	..
910	Hand Safe Edge, 10 in.	,,	1	..	1	..
924	Round, 10 in.	,,	1	..	1	..
930	Square, 6 in.	,,	1	..	1	..
937	Three Square, 4 in.	,,	1	..	1	..
	WARDING					
951	Cut Both sides 4 in.	,,	1	..	1	..
1117	Files Smooth Half Round 6 in.	,,	1	1	1	..
1124	Files Smooth Hand Safe Edge, 6 in.	,,	1	1	1	..
1125	Files Smooth Hand Safe Edge, 8 in.	,,	1	..	1	..
1157	Files Smooth Three Square, 6 in.	,,	1	..	1	..
3861	Files Smooth Equalising	,,	2	1	1	..
1176	Funnels, Petrol, Oval	,,	1	1	1	..
887	Eye Glasses Watchmakers	,,	1	..	1	..
	SECTION 1B					
	GAUGES					
4110	Feeler English 4 inch	,,	1	1	1	..
4212	Wire	,,	1	..	1	..
1229	Metric	,,	1	1	1	..
4186	Drill Size 1—60	Set	3	..	3	..
	HAMMERS					
1329	Fitters, Ball Pane 16 oz.	EA	1	..	1	..
1332	Fitters, Ball Pane 32 oz.	,,	1	..	1	..
1340	Hide Faced No. 1	,,	1	1	1	1
1391	Watchmakers	,,	1	..	1	..
1367	Sledge Double band 7 lb.	,,	1	..	1	..
	HANDLES, CHISELS					
4040	No. 1—Length 5½ in.	,,	2	..	1	..
4451	No. 2—Length 5¼ in.	,,	1	..	1	..
1396	Files No. 3	,,	7	4	6	4
1394	Files No. 4	,,	6	..	5	2
	HANDLE HAMMERS					
4473	No. 1	,,	1	..	2	..
4420	No. 4	,,	1	..	1	..
4475	No. 5	,,	1	..	1	..
4479	No. 9	,,	1	1	1	1
	IRONS					
	Soldering					
1434	Common 8 oz.	,,	1	..	1	..
4497	230/250V 65W	,,	2	1	1	1
4496	24V 60W with pencil bit	,,	1	..	..	..
4229	230/250V 240W	,,	1	..	1	..
1L/NIV/1	Henley's Iron Soldering 230/250V	,,	2	1	1	1
1514	Lamps Brazing 1 pint	,,	1	..	1	..
2293	Levels Spirit wood 10 in.	,,	1	..	..	..
1601	Nail Puller or extractor	,,	1	..	1	..

1	2	3	4	5	6	7
	SECTION 1B—Contd.					
	PLIERS					
1783	Pliers Flat Nose 6 in.	EA	1	1	1	1
1788	Pliers Pipe grip 7 in.	,,	1	1	1	1
1794	Pliers Quick grip	,,	2	..	1	..
4107	Sleeve fixing	,,	2	..	1	..
2970	Watchmakers Flat Nose	,,	2	..	1	..
	PUNCHES					
1821	Centre 4 in.	,,	1	..	1	..
1834	Round tapered point	,,	2	..	1	..
2125	Rules steel 12 in.	,,	1	1	1	1
	SECTION 1C					
2141	Frame Adjustable	,,	1	..	1	..
5583	Blades 18 teeth per in.	,,	6	..	3	..
2143	Blades 32 teeth per in.	,,	6	..	3	..
2154	Scissors Laboratory	Prs.	1	..	..	..
2187	Scriber Fitter 7 in.	EA	1	..	1	..
	SCREW DRIVERS					
5321	Common 8 in.	,,	2	1	2	1
2175	Ratchet 5″ × 1/4	,,	2	1	2	1
3545	Tweezers watch maker	,,	2	2	2	1
	SHEARS, TIN MEN'S					
2195	Snip Straight—12″	Prs.	1	..	1	..
2198	Watch makers	,,	2		1	1
	SPANNERS BOX-DOUBLE ENDED					
5579	0 BA × 2BA	,,	1	..	1	..
5580		,,	1	..	1	..
2229	4 BA × 6BA	,,	1	..	1	..
5033	1/8 in. × 3/16 in. whit.	,,	1	..	1	..
5034	(6224) 1/4″ × 5/6″ whit. (6330) 3/8″ × 7/6″ whit.	,,	1	..	1	..
	SINGLE ENDED					
5383	2 BA	,,	1	..	1	..
5384	4 BA	,,	1	..	1	..
5854	Universal	set	1	..	1	..
	DOUBLE ENDED					
2244	1/8″ × 3/16″ whit.	EA	1	..	1	..
5027	1/4″ × 5/16″ whit.	,,	1	..	1	..
	SQUARES, FITTERS					
2298	Grade A, 4 in.	,,	1	..	..	..
	STOCKS, DRILL					
2408	Breast	,,	1	..	1	..
2407	Hand	,,	1	..	1	..
	STAMPS STEEL					
3244	Figures 0-9, sets of 9	set	1	..	..	..
3245	Letters A-Z, Sets of 26	,,	1	..	..	..

1	2	3	4	5	6	7
	SECTION 1C—Contd.					
	TAPES, MEASURING					
2442	Steel 100 ft.	EA	1	..	1	..
	TOOLS					
5250	Cable Stripping 5½″	,,	1	1	1	1
	SCREW CUTTING					
	Dies					
	B.A. Thread RH					
3280	No. 0	,,	1	..	1	..
2464	No. 2	,,	1	..	1	..
2465	No. 4	,,	1	..	1	..
3284	No. 6	,,	1	..	1	..
	DIES					
6060	13/16 in.	,,	1	..	1	..
	TAPS					
	Bottoming					
	B.A. Thread RH					
3299	No. 0	,,	1	..	1	..
3301	No. 2	,,	1	..	1	..
3303	No. 4	,,	1	..	1	..
3305	No. 6	,,	1	..	1	..
6063	Wrenches Tap	,,	1	..	1	..
5574	Tool Straining wire, with Ratchet & Key.	,,	..	..	1	..
	VICES : FITTERS					
5532	2½ in. jaws	,,	2	1	1	1
2607	3¼″ jaws	,,	2	..	1	..
	WRENCH					
3553	Pipe Stillson type (2631)	,,	1	..	..	..
3200	Shovels	,,	1	..	1	..
	SECTION 1H					
6	Cleaners Contact No. 1	,,	4	1	2	1
1	W/T Relay adjusting Sets	Sets	1	..	1	..
	SECTION 3A					
1	Grind Stone 8″ Type A	EA	1	..	1	..
1948	Grind Stone 8″ Type B	,,	1	..	1	..
883	Machine Drill Electric Type H	,,	1	..	1	..
	SECTION 4G					
2377	Cleaners Vacuum	,,	1	..	1	..
	SECTION 4K					
NIV	Trolley Test and work bench	,,	1	1	2	1
2570	Ladders light weight 12 ft. 3″	,,	1	1	1	..
1332	Ladders Extending 15 ft. to 27 ft.	,,	1	1	..	..

1	2	3	4	5	6	7
	SECTION 5A					
390	Lamp Inspection 230V	EA	2	1	2	1
1968	Lamp Headband 4·5V	,,	1	1	1	..
1901	Blower Air (1902)	,,	1	1	1	1
2011	Torch Type C	,,	2	2	2	1
	SECTION 5J					
3187	Batteries Dry 1·15V	,,	16	4	6	6
	SECTION 6B					
634	Compass landing medium with stand	,,	1	..	..	..
	SECTION 6E					
275	Glasses magnifying	,,	2	..	..	..
	SECTION 10AB					
6	Extracting tool type 2	,,	2	1	1	1
	SECTION 10D					
156	Tool tuning	,,	2	2	1	1
	SECTION 29G					
1277	Pad lock iron 1½″ or Godrej	,,	3	1	1	1
	SECTION 210H					
197	Rawl Tool kit consisting of	,,	1			
198	Rawl Plug Tool Holder, No. 8	,,	1			
199	Rawl Plug Tool Holder, No. 10	,,	1			
200	Rawl Plug Tool Holder, No. 12	,,	1			
201	Rawl Plug Tool Holder, No. 14	,,	1			
202	Rawl Drill Jumper Bits, No. 8	,,	1			
203	Rawl Drill Jumper Bits, No. 10	,,	1			
204	Rawl Drill Jumper Bits, No. 12	,,	1			
205	Rawl Drill Jumper Bits, No. 14	,,	1			
206	Rawl Drill Screw Gauge	,,	1			
207	Rawl Drill Extractor	,,	1			
208	Rawl Plug No. 8×1″ size	Initial issue of one box of 100 each with kit. Afterwards will be demanded on as reqd. basis.				
209	Rawl Plug No. 8×2″ size					
210	Rawl Plug No. 10×1½″ size					
211	Rawl Plug No. 12×2″ size					
212	Rawl Plug No. 14×2″ size					
213	Rawl Plug No. 14×2″ size					

List of Tools and other Items Required for Servicing T.D.O. Collins Transmitter in Units Holding the Equipments

1C/6414	Screw drivers C.P. (Phillips) 3/16″×2′/2″	Qty. 2
1C/6415	Screw drivers C.P. (Phillips) 1/4″×4″	Qty. 2
1C/6241	Wrenches Allen Key 3/64″	Qty. 2
1C/6242	Wrenches Allen Key 1/16″	Qty. 2
1C/6243	Wrenches Allen Key 5/64″	Qty. 2
1C/6244	Wrenches Allen Key 5/32″	Qty. 2
1L/15	Pliers cable stripping	Qty. 2
1L/36	Screw drivers 6″ Insulated Blade	Qty. 2
1L/78	Spanner American Type	Qty. 2
1L/79	Spanner American Type	Qty. 2
1L/80	Spanner American Type	Qty. 2
1L/146	Spanner American Type	Qty. 2
1L/147	Spanner American Type	Qty. 2
1L/88	Spanner American Type	Qty. 2
1L/84	Spanner American Type	Qty. 2
1L/148	Spanner American Type	Qty. 2
1L/85	Spanner American Type	Qty. 2
1L/86	Spanner American Type	Qty. 2
1H/10	Pliers Adjusting No. 1	Qty. 2
1H/64	Pliers adjusting No. 1	Qty. 2
1H/9	Pliers adjusting No. 1	Qty. 2
1H/30	Pliers adjusting No. 1	Qty. 2
1H/31	Pliers cord repair No. 1	Qty. 2

SCALE A-6, PART 11.

TOOL KITS

AERIAL INSTALLATIONS PARTIES

Aerial Installation Parties

Ref. No.	Nomenclature	Details and Remarks	Denom. of quantity	Quantity
1	2	3	4	5
	SECTION 1-A			
	AXES—			
	Pick—			
3848	4½ lb.		No.	2
	BAGS, tool—			
	W/T operators—			
3913	Type B		,,	1
	BARS—			
	Tommy—			
36	18 in		,,	1
	BITS—			
	Carpenters—			
	Auger—			
106	1/14-in.		,,	1
108	5/16-in.		,,	1
107	3/8-in.		,,	1
109	7/16-in.		,,	1
110	1/2-in.		,,	1
111	9/16-in.		,,	1
112	5/8-in.		,,	1
2681	11/16-in.		,,	1
113	3/4-in.		,,	1
114	13/16-in.		,,	1
115	7/8-in.		,,	1
116	15/16-in.		,,	1
117	1-in.		,,	1
	Expansion—			
51	Large		,,	1
	BOXES, tool—			
	Standard—			
3716	Large		,,	1
	BRACKS—			
	Carpenters—			
152	10-in. sweep		,,	1
	BRUSHES—			
	Varnish—			
291	1-in.		,,	2
292	2-in.		,,	2
	CANS—			
348	Paint		,,	2
	CHISELS—			
	Firmer—			
389	3/4-in.		,,	1
394	1½ in.		,,	1

1	2	3	4	5
	SECTION 1A—Contd.			
	CROWBARS—			
520	3-ft 6-in.		No.	1
523	5-ft. 6-in.		,,	1
	CUTTERS—			
2752	Pipe		,,	1
	DRILLS—			
	Twist—			
	Bit Stock—			
840	1/2-in.		,,	1
841	9/16-in.		,,	1
	Straight shank—			
745	1/16-in.		,,	1
746	5/64-in.		,,	1
747	3/32-in.		,,	1
748	7/64-in.		,,	1
749	1/8-in.		,,	1
751	5/32-in.		,,	1
753	3/16-in.		,,	1
755	7/32-in.		,,	1
757	1/4-in.		,,	1
759	9/32-in.		,,	1
761	5/16-in.		,,	1
763	11/32-in.		,,	1
765	3/8-in.		,,	1
	SECTION 1B			
	HAMMERS—			
	Sledge—			
	Straight pane—			
2896	14 lb.		,,	1
	Tinmen's—			
1389	Planishing		,,	1
	HANDLES—			
	File—			
1394	Large		,,	1
	IRONS—			
	Soldering—			
	Electric—			
	Medium—			
4230	110-120 volts	Alternative items	,,	1
or				
4231	220-200 volts			
or				
4232	230-250 volts			
	LAMPS—			
	Brazing—			
1514	1 pint		,,	1
	LEVELS, spirit—			
2924	18-in.		,,	1
	NIPPERS—			
	End cutting—			
4407	5-in.		Prs.	1
	PLANES—			
1723	Jack		No.	1
	Smoothing—			
1732	Iron, adjustable		,,	1

1	2	3	4	5
	SECTION 1B—Contd.			
	RASPS—			
	Rough—			
	14-in.			
4032			No.	1
4418	RATCHETS AND TONGS		,,	1
	SECTION 1-C			
	SAWS—			
2146	Hand			
3183	Keyhole		,,	1
2151	Tenon		,,	1
			,,	1
	TOOLS—			
	Screwcutting—			
	Dies—			
	Whitworth thread—			
6048	1/4 in.			
6049	5/16 in.		,,	1
6050	3/8-in.		,,	1
6051	7/16-in.		,,	1
6052	1/2-in.		,,	1
			,,	1
	Stocks—			
6061	1·5/16-in.			
			,,	1
	Taps—			
	Bottoming—			
	Whitworth thread—			
	R.H.—			
5209	1/4-in.			
3501	5/16-in.		,,	1
3503	3/8-in.		,,	1
3505	7/16-in.		,,	1
3507	1/2-in.		,,	1
			,,	1
	Second—			
	Whitworth thread—			
	R. H.—			
5210	1/4-in.			
3502	5/16-in.		,,	1
3504	3/8-in.		,,	1
3506	7/16-in.		,,	1
3508	1/2-in.		,,	1
	Taper—			
	Whitworth thread—			
	R.H.—			
5211	1/4-in.			
2490	5/16-in.		,,	1
2491	3/8-in.		,,	1
2492	7/16-in.		,,	1
2493	1/2-in.		,,	1
			,,	1
	Wrenches—			
6064	Tap			
			,,	1
	SCREWDRIVERS—			
	Common—			
2167	18-in.			
			,,	1
	SCRIBERS—			
2187	Fitters'			
			,,	1
3200	SHOVELS G. P.			
			,,	3

1	2	3	4	5
	SECTION 1C—Contd.			
3209	SPADES			
	SPANNERS—		No.	2
	Adjustable—			
5606	11-in.		,,	1
	Box—			
	Double ended—			
2229	1/8-in. × 3/16-in. whit.		,,	1
5033	1/4-in. × 5/16-in. whit.		,,	1
5034	3/8-in × 7/16-in. whit.		,,	1
3212	7/16-in. × 9/16-in. whit.		,,	1
5035	1/2-in. × 5/8-in. whit.		,,	1
2236	5/8-in. × 3/4-in. whit.		,,	1
	Box Welding—			
	Double ended—			
5027	1/4-in. × 5/16-in. whit		,,	1
2247	5/16-in. × 3/8-in. whit		,,	1
5028	3/8-in. × 7/16-in. whit		,,	1
2249	7/16-in. × 1/2-in. whit.		,,	1
5030	5/8-in. × 3/4-in. whit.		,,	1
1587	SPIKES, marline		,,	2
	SQUARES—			
	Fitters'—			
	Grade A—			
2298	4-in.		,,	1
	VICES—			
3546	Carpenters		,,	1
5921	Draw		,,	1
	Fitters—			
2607	3½-in. jaws		,,	1
	SECTION 3A			
	MACHINES—			
	Drilling—			
	Electric—			
	200-220 volts—			
751	Type G	Alternative Items	,,	1
or	230-250 volts			
885	Type K.			
	SECTION 4A			
	BENCHES—			
6	Carpenters		,,	1
	PLANT—			
	Oxy-acetylene welding—			
	Adapters, cylinder—			
632	Acetylene		,,	1
633	Oxygen		,,	1
	Blowpipes—			
	Cutting and Welding—			
950	Type A		Set	1
or				
1849	Type B			
	Hose	See Ref. 32.C/62 & 65	Ft.	..
702	Clips		No.	6

1	2	3	4	5
	SECTION 4A—Contd.			
	Regulators—			
703	Acetylene		No.	1
	Oxygen—			
705	Double gauge		,,	1
	SECTION 4L			
	BLOCKS—			
	General purposes—			
536	Double		,,	
637	Single		,,	2
NIV	CHAIRS, bosum	To be manufactured locally.	,,	1
	SECTION 5G			
	TESTERS—			
	Insulation resistance—			
1621	Type A		,,	1
	SECTION 6D			
	CYLINDERS, gas—			
2	Acetylene, 200 cu. ft.		,,	1
5	Oxygen, 100 cu. ft., Mark III		,,	4
	Accessories—			
8	Keys		,,	1
	Mats—			
10	100 cu. ft. cylinders		,,	4
9	200 cu. ft. cylinders		,,	1
	SECTION 20			
	TENT COMPONENTS—			
412	Mauls		,,	1
	SECTION 29			
	PADLOCKS—			
	Iron—			
2140	1 in.	For use with Bags tool, W/T operators, type B. (Ref. No. 1A/3913)	,,	1
2067	2-in., special	For use with Boxes, tool, standard, large (Ref. No. 1A/3716).	,,	1
	SECTION 32C			
	HOSE—			
66	Black }	For use with Plant Oxy-acetylene welding (Section 4-A)	Ft.	20
62	Red }		,,	20

SCALE A-6 PART 12

TOOL KITS

PHOTOGRAPHIC EQUIPMENT SERVICING LOCK UP

Photographic Equipment Servicing lock up Contents of tool kits

NOTE.—All items in this scale are to be held on charge as loose tools. Items which are never required in any particular unit are not to be held.

Ref. No.	Nomenclature	Details & Remarks	Denom. of Qty.	Qty.
1	2	3	4	5
	SECTION 1A			
	BAGS, Tools :—			
2676	General Prupose		EA	1
3737	BLOWPIPES, Watchmakers	Brass	,,	1
	BOXES, tool:—			
	Standard:—			
3826	Medium	Without Padklocks Ref. 29/1277	,,	1
	BRUSHES:—			
287	Stencil	Patt. C. 282	,,	1
291	Varnish 1 in.	Patt. C. 289	,,	1
	CHISELS, Chipping:—			
3828	Cross-cut	4 in. × 5/32 in.	,,	1
3829	Diamond point	4 in. × 1/8 in.	,,	2
549	DIAMONDS, Glaziers		,,	1
621	DIVIDERS, Spring 6 in.	Witn Spring Nut.	Pair	1
	DRILLS, Twist:—			
	Straight, Shank:—			
749	1/8 in.		EA	2
753	3/16 in.		,,	2
757	1/4 in.		,,	2
	Wire Gauge:—			
	Singles:—			
3390	No. 12	Also tapping 0 B A.	,,	2
3429	No. 26	Also tapping 2 B.A.	,,	2
3437	No. 34	Also tapping 4 B.A.	,,	2
3457	No. 44	Also tapping 6 B.A.	,,	2
3511	No. 51	Also tapping 8 B.A.	,,	2
3516	No. 54	Also tapping 10 B.A.	,,	2
	FILES :—			
	Bastard:—			
909	Hand Safe Edge 8 in.		,,	1
921	Round 6 in.		,,	1
930	Square 6 in.		,,	1
3861	Equalling	For contact Breaker point.	,,	2
	Geneva:—			
	Cylinder notch:—			
986	No. 2 Cut		,,	1
3853	No. 6 Cut		,,	1

1	2	3	4	5
	SECTION 1-A—Contd.			
	Dovetail:—		Each	1
987	No. 2 Cut		,,	1
3854	No. 6 Cut			
	Knife:—		,,	1
2844	No. 2 Cut		,,	1
3855	No. 6 Cut			
	Round:—		,,	1
989	No. 2 Cut	Combined with Piovting file and Burnisher. In metal case.	,,	1
3845	Pivoting			
3690	Block Scribing 9″ Universal	For C.P.R.S. use only	,,	1
3918	Surface Plate 18″ × 3″ × 2″	,,	,,	1
70	"V" Blocks 2″	,,	Pair	1
315	Calipers Common inside 4″	,,	EA	2
330	,, ,, ,, 8″	,,	,,	2
316	,, ,, outside 4″	,,	,,	2
331	,, ,, ,, 8″	,,	,,	2
327	,, ,, Jenny 6″	,,	,,	2
3884	,, Micrometer G.A.O. 1″	,,	,,	1
2722	,, Grade A 1″-2″	,,	,,	1
2735	,, Vernier 9″	,,	,,	1
3835	Cases Calipers Micrometer 1″-2″	,,	,,	1
2736	Calipers Vernier 9″	,,	,,	1
440	Chisels Clipping Cold 6″ × 1/8″	,,	,,	2
2741	,, Crosscut	,,	,,	2
3831	,, Half Round 4″ × 1/8″	,,	,,	2
3391	Drills Twist Wire Gauge Singles No. 13	,,	,,	2
3392	,, ,, ,, ,, ,, No. 14	,,	,,	2
3394	,, ,, ,, ,, ,, No. 16	,,	,,	2
3396	,, ,, ,, ,, ,, No. 18	,,	,,	2
3398	,, ,, ,, ,, ,, No. 20	,,	,,	2
3410	,, ,, ,, ,, ,, No. 22	,,	,,	2
3427	,, ,, ,, ,, ,, No. 24	,,	,,	2
3430	,, ,, ,, ,, ,, No. 27	,,	,,	2
3431	,, ,, ,, ,, ,, No. 28	,,	,,	2
3433	,, ,, ,, ,, ,, No. 30	,,	,,	2
3435	,, ,, ,, ,, ,, No. 32	,,	,,	2
3438	,, ,, ,, ,, ,, No. 35	,,	,,	2
3439	,, ,, ,, ,, ,, No. 36	,,	,,	2
3441	,, ,, ,, ,, ,, No. 38	,,	,,	2
3443	,, ,, ,, ,, ,, No. 40	,,	,,	2
3455	,, ,, ,, ,, ,, No. 42	,,	,,	2
3458	,, ,, ,, ,, ,, No. 45	,,	,,	2
3460	,, ,, ,, ,, ,, No. 46	,,	,,	2
3466	,, ,, ,, ,, ,, No. 48	,,	,,	2
3510	,, ,, ,, ,, ,, No. 50	,,	,,	2
3514	,, ,, ,, ,, ,, No. 52	,,	,,	2
3515	,, ,, ,, ,, ,, No. 53	,,	,,	2
3519	,, ,, ,, ,, ,, No. 55	,,	,,	2
3520	,, ,, ,, ,, ,, No. 56	,,	,,	2
3525	,, ,, ,, ,, ,, No. 58	,,	,,	2

1	2	3	4	5
	SECTION 1B			
	GAUGES:—			
	Feeler:—			
4110	English 4 in.	10 Tapered blades 1½, 2, 3, 4, 5, 6, 8, 10, 12 and 15/1000 of an inch.	EA	1
1255	GLASSES, Watchmakers, covering	With tray	,,	3
	HAMMERS:—			
	Fitters:—			
1329	Ball pane 16 oz.	Handled	,,	1
1340	Hide faced No. 1.	1 lb.	,,	1
	HANDLES, File:—			
1394	Large		,,	2
1396	Small		,,	3
	IRONS, Soldering:—			
	Common 8 oz. Electric:—			
	Light:—			
4133 or 4233 or 4234	110-120 Volts 200-220 Volts 230-250 Volts	Fitted with a switch in the lead. (a) All ground appliances operated from main supply are to be held on Stations inventories and are not to be transferred from a Stn. without Air Headquarters authority.	,,	1
	LAMPS:—			
	Brazing:—			
.514	1 Pint	With nipple cleaning needle.	,,	1
	OIL STONES:—			
1647	General purpose, fine	In wood case	,,	1
	PLIERS:—			
4242	Cutting 5½ in.	"Bernard" No.102 type	Pair	1
1798	Round nose 6 in.		,,	1
	RULES:—			
2125	Steel 12 in.	English & Metric	EA	1
1816	Rasp Rough 12"	For C.P.R.S. use only	,,	1
	SECTION 1C			
	SAWS:—			
	Hack:—			
5582	Fixed	12 in. without blade (b) Saws Hack adjustable (Stores Ref. No. 1C/2141) may be held in lieu.	,,	1(b)
2151	Tenon		,,	1

1	2	3	4	5
	SECTION 1C—Contd.			
	SCISSORS :—			
2154	Laboratory	7 in.	Pair	1
	SCREW DRIVERS:—			
	Common:—			
5321	8 in.		EA	1
	Instrument makers:—			
3190	Sets	One each Ref. Nos. 5084 to 5087 in box.	Set	1
2175	Ratchet	5 in.	EA	1
	SPANNERS:—			
	Box:—			
	Double ended:—			
2229	1/8 in. × 3/16 in. whit.		,,	1
5384	Single ended 4 B.A.		,,	1
	Ratchet:—			
	Type B:—			
	Single ended:—			
5843	6 B.A.		,,	1
	SQUARES:—			
	Fitters:—			
	Grade A:—			
2298	4 in.		,,	1
	STOCKS Drill:—			
2407	Hand.		,,	1
	STRAIGHT EDGES:—			
	Steel:—			
2421	3 ft.		,,	1
	VICES:—			
2615	Hand:—			
	8 oz.	Patt. C. 517	,,	2
	Fitters:—			
2607	3½ in. Jaws	20 lbs Patt. C. 508	,,	2
5002	Tools Reveting Snap 1/8″	For CPRS use only	,,	2
5001	,, ,, 3/32″	,,	,,	2
5003	,, ,, 5/32″	,,	,,	2
5312	,, Dollies 1/16″	,,	,,	2
5313	,, ,, 3/32″	,,	,,	2
5314	,, ,, 1/8″	,,	,,	2
6060	Stock Whit worth 13/16″	,,	,,	2
6061	,, ,, 5/16″	,,	,,	2
5514	Dies BA Threads R.H. No. 1	,,	,,	2
5515	,, ,, ,, ,, No. 3	,,	,,	2
5516	,, ,, ,, ,, No. 5	,,	,,	2
5517	,, ,, ,, ,, No. 7	,,	,,	2
5518	,, ,, ,, ,, No. 9	,,	,,	2
6048	Dies Whit worth threads R.H. 1/4″	,,	,,	2
6049	,, ,, ,, ,, ,, 5/16″	,,	,,	2
6050	,, ,, ,, ,, ,, 3/8″	,,	,,	2
6051	,, ,, ,, ,, ,, 7/16″	,,	,,	2
6052	,, ,, ,, ,, ,, 1/2″	,,	,,	2
5521	Taps Bottoming B.A. Threads R.H. 1.	,,	,,	2
5522	,, ,, ,, ,, ,, 3	,,	,,	2
5523	,, ,, ,, ,, ,, 5	,,	,,	2

1	2	3	4	5
	SECTION 1C—Contd.			
5524	Taps Bottoming B.A. threads R.H. 7	For C.P.R.S. use only	EA	2
5525	,, ,, ,, ,, ,, 9	,,	,,	2
5209	Taps Bottoming Whit worth threads R. H. ¼″	,,	,,	2
3501	,, ,, ,, ,, ,, ,, 5/16″	,,	,,	2
3503	,, ,, ,, ,, ,, ,, 3/4″	,,	,,	2
3505	,, ,, ,, ,, ,, ,, 7/16″	,,	,,	2
3507	,, ,, ,, ,, ,, ,, ½″	,,	,,	2
5210	Taps Second Whit worth Threads R.H. ¼″	,,	,,	2
3502	,, ,, ,, ,, ,, ,, 5/16″	,,	,,	2
3504	,, ,, ,, ,, ,, ,, 1/8″	,,	,,	2
3506	,, ,, ,, ,, ,, ,, 7/16″	,,	,,	2
3508	,, ,, ,, ,, ,, ,, 1/2″	,,	,,	2
5211	Taps Tapter Whit worth threads R.H. ¼″	,,	,,	2
2490	,, ,, ,, ,, ,, ,, 5/16″	,,	,,	2
2491	,, ,, ,, ,, ,, ,, 3/8″	,,	,,	2
2492	,, ,, ,, ,, ,, ,, 7/16″	,,	,,	2
2493	,, ,, ,, ,, ,, ,, 1/2″	,,	,,	2
5526	Taps Taper B.A. Thread R.H. No. 1	,,	,,	2
5527	,, ,, ,, ,, ,, No. 3	,,	,,	2
5528	,, ,, ,, ,, ,, No. 5	,,	,,	2
5529	,, ,, ,, ,, ,, No. 7	,,	,,	2
5530	,, ,, ,, ,, ,, No. 9	,,	,,	2
	SECTION 3A			
201	Machine Drilling	,,	,,	1
2280	Machine Grinding	,,	,,	1
1945	Machine Drilling Electric Bench Up Right Type A.	,,	,,	1
	SECTION 5G			
203	Tester Inculation Resistance	,,	,,	1
	SECTION 5Q			
878	Voltmeter	,,	,,	1
	SECTION 10S			
1601	A. V. O. Minor Type D	,,	,,	1
	SECTION 29			
	PADLOCKS:—			
1277	Iron 1½ in.		,,	2

SCALE A-6 PART 13

TOOL KITS

PHOTOGRAPHIC EQUIPMENT REPAIR SECTION (R. M. D.)

Photographic Equipment Repair Section (R.M.D.)

Ref. No.	Nomenclature	Detail	Denom. of Qty.	Qty.
1	2	3	4	5
	SECTION 1A			
3725	Blocks Scribing 12″		EA	3
3876	,, ,,		,,	3
3867	,, Surface 'V', 2½″		Pair	6
3826	Boxes, Tool, Standard, medium		EA	3
287	Brushes stencil	PATT. C. 282	,,	6
291	,, Varnish 1″		,,	6
294	,, ,, 2″		,,	6
295	,, ,, 3″		,,	6
324	Calipers common inside 6″		,,	3
4014	,, Vernier 9″		,,	1
3843	Cases		,,	1
2721	Micrometer grade A EXT. 0-1″		,,	1
3834	Cases		,,	1
326	Micrometer common outside 6″		,,	3
327	,, ,, jenny 6″		,,	3
440	Chisels chipping cold 6″ × 1/2″		,,	3
3828	,, light cross cut 4″ × 5/32″		,,	3
3829	,, Diamond port		,,	3
2751	Clamps tool maker 3½″		,,	3
549	Diamond glaziers		,,	6
621	Dividers spring 6″		Pair	3
633	Drifts 6½ × ¼″		EA	3
839	Drills, Twist, 7/16″		,,	18
840	,, 1/2″		,,	18
745	,, Straight Shank 1/16″		,,	18
747	,, ,, ,, 3/32″		,,	18
749	,, ,, ,, 1/8″		,,	18
751	,, ,, ,, 5/32″		,,	12
753	,, ,, ,, 3/16″		,,	12
757	,, ,, ,, 1/4″		,,	12
761	,, ,, ,, 5/16″		,,	12
765	,, ,, ,, 3/8″		,,	12
3390	Drills Twist, wire gauges singles No. 12		,,	3
3429	,, ,, ,, ,, ,, No. 26		,,	3
3437	,, ,, ,, ,, ,, No. 34		,,	3
3457	,, ,, ,, ,, ,, No. 44		,,	3
3511	,, ,, ,, ,, ,, No. 51		,,	3
3516	,, ,, ,, ,, ,, No. 54		,,	3
904	Files Bastard 1/2″ Round 12″		,,	6
902	,, ,, 8″		,,	6
909	,, H.S.F. 8″		,,	6
911	,, ,, 12″		,,	6
923	,, Round 8″		,,	3
931	,, Square 8″		,,	3
941	,, 3 Square 8″		,,	3
1037	,, 2nd cut flat 8″		,,	3
1124	,, Smooth H.S.E. 6″		,,	6
1138	,, Round 4″		,,	3
1155	,, 3 Square 4″		,,	6
1149	,, Square 4″		,,	3

1	2	3	4	5
	SECTION 1A—Contd.			
960	Files Dead Smooth H.S.E. 6″		EA	3
3861	,, Equalling		,,	6
986	,, Geneva Cylinder notch No. 2		,,	3
3853	,, Geneva Cylinder notch No. 6		,,	3
987	,, Dove Tail No. 2		,,	3
3854	,, ,, ,, No. 6		,,	3
2844	,, Geneva Knife No. 2		,,	3
3855	,, ,, ,, No. 6		,,	3
989	,, ,, Round No. 2		,,	3
3845	,, Pivoting		,,	3
	SECTION 1B			
4110	Gauges feeler English 4″		,,	3
	Glasses w/m covering with tray		,,	9
1329	Hamers fitters B/p 16 oz.		,,	3
1340	,, Hide faced No. 1		,,	3
	HANDLES FILE:—			
4234	Iron Soldering Elect. 230/250		,,	10
1514	Lamp brazing 1 Pint		,,	3
1647	Oil stone G.P. fine		,,	3
1771	Plates Surface 12″ × 18″		,,	3
4242	Pliers cutting 5/8″		,,	6
1779	,, flat nose 4″		,,	6
1783	,, ,, 6″		,,	6
1773	,, side cutting insulated		,,	3
1798	,, R/N 6″ ,, ,,		,,	6
1873	Punches Hallow end 1/2″		,,	3
2125	Rules steel 12″		,,	6
	SECTION 1C			
5582	Saws, Hack fixed or 1C/2141		,,	6
2151	,, Tennon		,,	3
2154	Scissors Lab. 7″		,,	6
3189	Scrappers fitters flat.		,,	3
5321	Screw driver common 8″		,,	3
2165	,, ,, 12″		,,	3
3190	,, ,, Inst/maker		Sets	3
2175	,, ,, Ratchat		EA	3
2187	Scribers fitter 7″		,,	3
2195	Shears Straight 12″		,,	3
2198	,, W/M		,,	3
5580	Spanners D.E. 4BA × 6BA 9″		,,	3
2229	,, 1/2″ × 3/16″ whit		,,	3
2245	,, 3/16″ × 1/4″		,,	3
6075	Wrench pipe union D.E. 3/8″ × 1/2″B.S.P.		,,	3
6076	,, ,, ,, ,, 5/8″ × 1/4″		,,	3
5856	,, ,, ,, ,, 1/4″		,,	3
5861	,, ,, ,, ,, 7/8″		,,	3
2298	Squares fitters grade A4″		,,	3
2421	Straight edges steel 3		,,	3
5312	Tools rivetting Dollies 1/16″ dia.		,,	3
5313	,, ,, ,,		,,	3
5314	,, ,, ,, 1/8″		,,	3
5394	,, ,, ,, 3/16″		,,	3
5311	Holders Dollies		,,	3
5043	Snaps 1/16″		,,	6
5041	,, 3/32″		,,	3
5039	,, 1/8″		,,	6
5410	,, 3/16″		,,	6
			,,	6

1	2	3	4	5
	SECTION 1C—Contd.			
3280	Dies B.A. Thread R.H.		EA	3
2464	,, ,, ,, ,, No. 2		,,	3
2465	,, ,, ,, ,, No. 4		,,	3
3284	,, ,, ,, ,, No. 6		,,	3
3286	,, ,, ,, ,, No. 8		,,	3
3288	,, ,, ,, ,, No. 10		,,	3
3282	Holders Strap		,,	6
6060	Stocks 13/16″		,,	6
3299	Taps bottoming B.A. No. 0		,,	3
3301	,, ,, ,, No. 2		,,	3
3303	,, ,, ,, No. 4		,,	3
3305	,, ,, ,, No. 6		,,	3
3307	,, ,, ,, No. 8		,,	3
3309	,, ,, ,, No. 10		,,	3
3321	Tapers B.A. Thread R.H. No. 0		,,	3
3323	,, ,, ,, ,, No. 2		,,	3
3325	,, ,, ,, ,, No. 4		,,	3
3327	,, ,, ,, ,, No. 6		,,	3
3329	,, ,, ,, ,, No. 8		,,	3
3331	,, ,, ,, ,, No. 10		,,	3
2607	Vice Fitters 3 1/4″ jaw		,,	9
2615	,, 8 oz.		,,	6
	SECTION 3A			
1469	Lath w/m Type D.		,,	1
201	Drilling Bench Type, Model A1		,,	1
2294	Lathe Watch Maker without motor & Foot control		,,	1
or 224	Lathe Watch maker or 5P/815 Motor & 5P 816 Pultra 10 complete with accessories.		,,	1
	SECTION 4A			
7	Benches W/Shop Portable		,,	6
	SECTION 5G			
203	Testers insulation resistance Type D		,,	1
2253 or 21C/NIV/D/620	Oven drying		,,	1
	SECTION 10S			
10613	Avometer Type E		,,	1
	SECTION 29			
2067	Pad locks 2″		,,	6

I. A. P. 1503-A

(Old A. P. 830 Vol. III Part 'A' Scale A-7)

EQUIPMENT SCALES FOR AIR FORCE

PART A

(All Scales in this Part are prefixed by the letter "A")

MISCELLANEOUS

20—6 I.A.F./65

MEMORANDUM OF INSTRUCTIONS

1. The scales contained in this publication are the authority for the issue of equipment to all stations, units and sections specified therein.

2. The general principles of store accounting as laid down in IAP 1501 are to be followed in all cases when dealing with these scales.

3. The publication is to be kept uptodate by means of periodical amendments which are to be inserted as desired.

4. Suggestions for amendments, if any, to these scales are to be forwarded to Air Headquarters (E. 1. Revision) through proper channels.

CERTIFICATE OF AMENDMENTS

Amendment List		Amendments made by	Date
Number	Date		

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Scale A27

(For official Use Only)

I.A.P. 1503 A

(Old AP 830 Vol. III PART 'A' Scales)

AMENDMENT LIST No. 3

TO

I. A. P. 1503-A

Equipment Regulations for the Indian Air Force Scales of Technical Equipment

Issued under file No.
Air HQ/35137/E-21 PCI

Ministry of Finance (Def/Air) U.O. No. 1378/Bud/AF dt. 22-6-68.

AMENDMENT LIST No. 3 TO I.A.P. 1503.A

The following amendments are made in the above scale.

(a) In 'MEMORANDUM OF INSTRUCTIONS' on page iii

Amend "I.A.P. 1503A—A—1 (Issue No. 3)" *to read* "I.A.P. 1053 A—A-1 (Issue No. 4)".

(b) *Remove & destroy* the existing IAP 1503—A Scale A—1 (Issue No. 3) along with its title page, Memorandum of Instructions, (Page IX) Contents (XI), Amendment Certificate and page 2 to 25 and *replace* with "IAP 1503—A, Part 'A' Scale A—1 (Issue No. 4)" as attached herewith.

Air HQ/35137/41/E-21
Air HQ/S. 16343/3/PH PC IV & V

RESTRICTED

(For Official Use only)

INDIAN AIR FORCE

I.A.P. 1503-A
PART 'A'

SCALE A—1
(ISSUE No. 4)

SCALE OF PHOTOGRAPHIC PROCESSING EQUIPMENT AND ACCESSORIES FOR WING HEADQUARTERS SECTION WORKING FOR ONE OR MORE SQUADRONS AND VARIOUS UNITS

(Incorporating Amendment List Nos. 33, 34, 36, 39, 44, 48, 53, 56, 59, 60, 63, 77, 79, 81, 89, 90 and 94, to old AP. 830, Vol. III, Part 'A', (Scale A-1)

Promulgated for information, guidance and necessary action.

This is issued with the concurrence of Min. of Fin. (Def/Air)

SD(RANBIR CHANDRA)
Under Secretary to the Goverment of India

MIN. of FIN. (DEFAIR)
U.O. No. 1308/Bud/AF Dated 8-6-67
AIR HEADQUARTERS

RESTRICTED

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AMENDMENT CERTIFICATE

The amendments promulgated in the under mentioned amendment list have been incorporated in this publication.

Amendment List		Amendment made by (Name in block letters)	Authority	Date	Signature
No.	Date				

PREFACE

This scale is issued to provide a guide to the Technical Equipment to be held by a Wing Head quarters section working for one or more squadrons and various units and constitutes authority for demanding and holding all items shown therein. However if, at any time, it is found that the quantities shown in scales are in excess of present or anticipated future requirements they are to be demanded or, if they become surplus are to be returned.

2. Any suggestions for amendment to this scale should be forwarded to Directorate of Operations (F) Ops. PHOTO, Air Headquarters, New Delhi, through normal channels.

3. So long as No. 106 S.R.SQN. is based at No. 4 Wing, the items authorised vide column 8 of the scale will also be applicable to No. 4 Wing, in addition to its scale as authorised vide column 6 of the scale. In case the squadron moves out from No. 4 Wing and is based at some other Wing at a future date, the same scale will also apply to new Wing on which the squadron is located.

4. This issue supersedes A.P. 830, (1) Vol. III, Part 'A', Scale A-1 (Issue No. 3).

5. This scale has been concurred in by Min. of Fin. (Def./Air) vide their u. o. No. 1358 /Bud/ AF dated 8/6/67.

AIR HQ/35137/41/E-21
AIR HQ/16343/3/PH. P.C.I.

SCALE OF EQUIPMENT

SCALE OF PHOTOGRAPHIC PROCESSING EQUIPMENT AND WORKING FOR ONE OR MORE

I.A P. 1503-A

PART A SCALE A-I

(Issue

Sl. No.	Sec/Ref. No.	Nomenclature	Details	Denom	Wings Qty. Authorised	F.R. Sqdn. Qty. Authorised	Wings on which 106 S.R. Sqn. is based Qty. Authorisd	Stations/ Units having Photo Sections Qty Authorised
1	2	3	4	5	6	7	8	9
		PHOTOGRAPHIC PROCESSING EQUIPMENT AND ACCESSORIES						
1	14B/614 OR 314B/175	BINS, Film fibre ..	For 16 mm. cine camera gun film.	Each	3	—	3	1
		BOTTLES, glass:—						
2	14B/10	40 ozs.		,,	4	—	5	4
3	14B/12	80 ozs.		,,	12	12	30	8
4	314B/104	BOXES, negative storage.	Previous Ref. 14B/18 or 19 if not available to be manufactured locally.	,,	As reqd.	—	As reqd.	As reqd.
		BRUSHES— Spotting—						
5	14B/1757	No. 1	Old reference was not shown but the units were authorised for No. 3 round sable. (Ref. 1A/4056)	,,	2	1	5	1
6	14B/1758	No. 2		,,	2	1	5	1
7	14B/1760	No. 4		,,	2	1	5	1
8	14B/1761	No. 5		,,	2	1	5	1
		CASSETTES, empty:—						
9	14B/2873	35 mm. 36 exps., metal complete with spool.	Old Ref. 14B/772. To be demanded if 35 mm. miniature camera held.	,,	As reqd.	—	As reqd.	As reqd.
10	14B/520	CLAMPS, film		,,	6	—	6	4
11	14B/3599	CLOTHS, polishing anti-static.	Previous Ref. 14B/NIV. C-1	,,	—	2	10	—
		CONTAINERS:— Celluloid waste:—						
12	14B/567	18″ × 18″ × 24″		,,	4	2	10	2

ACCESSORIES FOR WING HEADQUARTERS SECTION SQUADRONS AND VARIOUS UNITS

PART 'A' SCALE A-1

No. 4)

[illegible] Qty. Authorised	C.D.L. & R.S. Qty. Authorised	C.A.O. Qty. Authorised	2 G.T.S. Qty. Authorised	A.O.P. Flight Qty. Authorised	P.T.S. Qty. Authorised	TCTTB Qty. Authorised	B.R.D. Qty. Authorised	School of Land/Air Warfare Qty. Authorised	Remarks
10	11	12	13	14	15	16	17	18	19
2	—	—	6	—	3	1	—	—	Reference col. of this scale is also applicable to JTW (authority) Govt. of India letter No. Air HQ/16310/5/PH/46/S/D (Air. 1) dated 21st May, 1959.
6	—	—	12	4	—	—	—	—	
24	12	8	48	6	—	6	—	—	2. Reference col. 14. Authorise to A.O.P. Flight when located away from wing/station/unit.
As reqd.	As reqd.	—	As reqd.	As reqd.	—	As reqd.	—	—	3. Reference col. 12. Previously known as photo stat. section.
2	—	—	4	—	2	—	—	—	
2	—	—	4		2	—	—	—	
2	—	—	4	—	2	—	—	—	
2	—	—	4	—	2	—	—	—	
As reqd.	—	—	—	—	—	—	—	—	
6	—	—	12	4	6	—	—	—	
—	—	—	—	—	—	—	—	—	
12	6	2	12	2	2	—	—	—	

1	2	3	4	5	6	7	8	9
		DISHES:—						
		Polythene:—						
13	314B/167	8in. × 10in.		Each	8	3	10	2
14	314B/168	12in. × 15in.		,,	8	3	10	2
15	314B/169	16in. × 20in. × 6in.		,,	6	3	20	4
16	314B/170	24in. × 20in.		,,	2	3	15	1
		DRUMS, film drying:—						
17	14B/521 OR 314B/174	Type 'B' without motor		,,	3	1	4	1
		EASELS, enlarging:—						
18	14B/75	6½ in. × 8½ in.	To be demanded if Type 'B' Enlarger is held.	,,	1	—	2	1
19	14B/79	12in. × 15in.		,,	1	—	2	1
		ENLARGERS:—						
20	14B/3451	Copying, horizontal	Complete. (Previous Ref. 14A/3036).	,,	—	—	1	—
21	14B/3719	Devere Type 54A		,,	—	—	2	1
22	314B/106	Williamson, precision, automatic.		,,	—	—	—	—
23	314B/107	Auto, Focusing	Consisting of Mod. set Transformer, and lamp (One each). Previous Ref. 14A/NIV.	,,	—	—	—	—
24	14B/3570 OR 314B/108	70mm. Mark 2.		,,	—	1	3	—
25	314B/109	Barcro	No. 157024	,,	—	—	—	—
26	314B/110	Process		,,	—	—		
		FUNNELS:—						
27	14B/3497	Polythene 5 in.		,,	2	2	10	1
28	314B/172	Polythene 12in.		,,	—	—	2	—
		GLASSES:— Enlarging easel:—						
29	14B/96	6¾ in. × 9 in.	For Ref. 14B/75.	,,	2	—	3	2
30	14B/298	13in. × 16in.	For Ref. 14B/79	,,	2	—	3	2

10	11	12	13	14	15	16	17	18	19
5	2	—	12	3	—	2	—	—	
6	2	2	12	1	—	4	4	—	
10	2	2	28	1	—	2	—	—	
10	6	4	8		—	—	—	—	
2	—	—	6	1	—	—	—	—	
As reqd.	—	—	As reqd.	1	—	1	—	—	
As reqd.	—	—	As reqd.	1	—	1	—	—	
1	—	—	—	—	—	—	—	—	
5	—	—	1	1	—	1	—	—	Qty. 1 14B/8882 and Qty. 1 item 14B/3417 can be held A/L of Qty. 1 14B/8719
2	—	—	—	—	—	—	—	—	
—	1	—	—	—	—	—	—	—	
1	—	—	—	—	—	—	—	—	
—	1	—	—	—	—	—	—	—	
1	—	—	—	—	—	—	—	—	
2	2	1	4	1	—	1	—	—	
2	—	—	—	—	—	—	—	—	
As reqd.	—	—	As reqd.	2	—	1	—	—	
As reqd.	—	—	As reqd.	2	—	1	—	—	

1	2	3	4	5	6	7	8	9
		HEATERS, immersions:—						
		Dish:—						
31	14B/3316	230V	Previous Ref. 14 B/1418	Each	1	2	7	1
		Tank:—						
32	14B/624 OR 14B/625	200-230V. 230-250V.	Voltage as required	,,	1	—	2	—
		LAMPS, dark room, electric:—						
33	14B/2345 OR 14B/603	4 in. × 5 in. 8 in. × 10 in. No. 2 hanging type		,,	As reqd.	As reqd.	As reqd.	As reqd
		MACHINES, continuous film processing—						
34	314B/111 OR 14B/3137	Mark 1 .. Mark 5	Previous Ref. 14B/922 Obsolete. (a) Fitted with stainless steel tanks. (b) Can be used in lieu of 314B/195 continuous Processing Machine for aerial film minimum 13″ width including refrigeration equipment for maintenance solution temperature with wash water cooling unit.	,,	—	—	2	—
35	14B/2031	Multiprinting Mark 2. ..	Complete ..	,,	—	—	1	—
36	14B/1311	Negative duplicating, Universal.	Complete ..	,,	—	—	—	—
37	14B/2516	Negative grading, Mark 3	—	,,	—	—	1	—
38	14B/1239	Negative numbering..	Complete with spares	,,	2	—	10	1
		MACHINES, print drying and glazing:—						
39	14B/1661 OR 14B/3305	200-250V., Type B 230V., Type C. (A.C.)		,,	1	—	2	1
		Accessories:—						
40	14B/3310 OR 14B/3342	Cases, transit and storage machine. Cases, transit and storage machine.	For Ref. No. 14B/1661 For Ref. No. 14B/3305	,,	1	—	2	1

10	11	12	13	14	15	16	17	18	19
2	2	1	2	1	—	1	—	—	
2	1	—	2	—	—	—	—	—	
As reqd.	As reqd.	As reqd.	As reqd.	3	—	—	3	—	
2	—	—	—	—	—	—	—	—	
2	—	—	—	—	—	—	—	—	
2	—	—	—	—	—	—	—	—	
1	—	—	—	—	—	—	—	—	
2	—	—	6	1	—	—	—	—	
2	—	—	2	1	—	—	—	—	
2	—	—	2	1	—	—	—	—	

1	2	3	4	5	6	7	8	9
41	14B/560	Elements, heating.	For use with 14B/1661 or 14B/3305. For requisite voltage refer AP. 1086 Book-8 Part 1, 2nd Edition	Each	2	—	4	2
42	14B/557	Stands ..	For Ref. No. 14B/1661	,,	1	—	2	1
		MEASURES:—						
43	14B/3496	Polythene 1 litre ..		,,	2	2	10	1
44	14B/4558	Model S. 461 Weston Master V universal Exposure Meter C/W leather carrying case and in Vercone incident light attachment.		,,	1	—	2	—
45	14B/144	MORTARS, porcelain, c/w pestle.		,,	1	1	5	1
		PRESSES, dry mounting, 230V:—						
46	14B/3065	20 in. × 24 in.		,,	—	—	—	—
		PRINTERS, contact:—						
47	14B/733	F. 24, Type B	Complete with Ref. 14B/1308 & 14B/733.	,,	2	1	2	1
		Spares:—						
48	14B/534	Glasses, Opal ..		,,	6	3	2	2
49	14B/535	Glasses, pressure		,,	1	2	1	1
50	14B/1797	Type 'E' ..		,,	1	—	4	—
		SPARES:—						
51	14B/2112	Glasses, diffusion ..		,,	As reqd.	—	As reqd.	—
52	14B/2111	Plates, glass ..		,,	1	—	4	—
53	14B/3226	Type 'G' ..		,,	—	—	4	—
		SPARES:—						
54	14B/3234	Glasses register ..		,,	—	—	4	—
55	14B/1658	PRINTERS, reflex, 32″ × 42″, 230V., A.C.	Complete with lamps & spool box. For reprint of documents, maps, drawings, or blue prints.	,,	—	—	—	—
		Accessories:—						
56	14B/1659	Trays, developing, fixing and washing.		,,	—	—	1	—
57	14B/2020	PRINTERS, vacuum, 24 × 24″, 230V A.C.		,,	—	—	1	—

10	11	12	13	14	15	16	17	18	19
4	—	—	4	2	—	—	—	—	
2	—	—	2	1	—	—	—		
2	2	2	4	1	—	1	2	—	
4	—	—	8	—	—	1	1	—	
1	1	1	3	1	—	—	1	—	
2	—	—	—	—	—	—	—	—	
4	—	—	8	1	—	1	—	—	Further provisioning will be made for items from Serial Nos. 47 to 54.
12	—	—	24	3	—	3	—	—	
2	—	—	4	1	—	1	—	—	
4	—	—	2	—	—	1	—	—	
As reqd.	—	—	As reqd.	—	—	As reqd.	—	—	
4	—	—	2	—	—	1	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
1	1	—	—	—	—	—	—	—	
3	3	—	—	—	—	—	—	—	
2	—	—	—	—	—	—	—	—	

1	2	3	4	5	6	7	8	9
		Accessories—						
58	14B/1704	Pumps, motor exhaust assembly.		Each	—	—	1	—
59	314B/112	PRINTERS, Eagle IX		,,	—	—	8	—
60		Spares— ITEMS NOT TAKENUP						
61	314B/114	RACKS DRYING, Photographic —Type B	(For drying plates) previous Ref. 14B/1933.		1		1	—
62	314B/114	Drying photostat and Barcro.	Local manufacture	,,	—	—	—	—
		film 16 mm REWINDERS		,,	2	1	2	1
63	14C/9100 798	Mounted						
64	14B/1252	RODS, stirring		,,	4	6	15	2
		SAFERIGHTS:—						
		Type 1:—						
65	14B/2458 OR 14B/529	4 in. × 5 in. 8 in. × 10 in.	For bromide paper. For use with lamps, darkroom, Ref. 2346, and 603.	,,	As reqd.	As reqd.	As reqd.	As reqd.
		Type 2:—						
66	14B/2459 OR 14B/530	4 in. × 5 in. .. 8 in. × 10 in. ..	For orthochromatic negative materials. For use with lamps darkroom Ref. No. 2346 and 603.	,,	As reqd.	As reqd.	As reqd.	As reqd.
		Type 3:—						
67	14B/2460 OR 14B/531	4 in. × 5 in. .. 8 in. × 10 in. ..	For panchromatic negative materials. For use with lamps, darkroom Ref. No. 2346 and 603.	,,	As reqd.	As reqd.	As reqd.	As reqd.
		STEREOSCOPS—						
68	14B/746	Type D		,,	1	2	5	—
		TANKS, developing:—						
69	14B/679	35 mm.	For miniature camera film.	,,	1	—	1	—
70	14B/1373	9½", 250 exposures	Day light	,,	1	—	12	—
		Frame type:—	For 100 ft. 16 mm. cine film. NOT supplied complete. Demand parts as required. Previous Ref. 14B/605.					

10	11	12	13	14	15	16	17	18	19
2	2	—	—	—	—	—	—	—	
4	—	—	—	—	—	—	—	—	
2	—	—	—	—	—	—	—	—	
2	—	—	12	—	—	—	—	—	
—	2	1	—	—	—	—	—	—	
1	—	—	3	—	2	—	—	—	
2	6	3	12	2	—	2	—	—	
As reqd.	As reqd.	As reqd.	As reqd.	As reqd.	As reqd.	As reqd.	4	As reqd.	
As reqd.	As reqd.	As reqd.	As reqd.	As reqd.	—	As reqd.	4	—	
As reqd.	As reqd.	As reqd.	As reqd.	As reqd.	—	As reqd.	4	—	
1	—	—	1	—	—	—	—	35	
2	—	—	6	—	—	—	—	—	
1	—	—	1	—	—	—	1	—	

1	2	3	4	5	6	7	8	9
		Consisting of:—						
71	14B/606	Bags, hypo dissolving	Qty. 1	Each	2	—	2	—
72	14B/623	Dividers	One per tank Qty. 4	Set	2	—	2	—
73	14B/608	Frames	3 per tank QTY 12	Set	2	—	2	—
74	14B/607	Paddles, stirring ..	1	Each	2	—	2	—
75	14B/609	Stands, winding ..	1	,,	2	—	2	—
76	14B/3381	Tank Developing ..	4	Set	2	—	2	—
77	14B/2168	Tanks, developing 16/35 mm film spool type.		Each	1	—	1	—
78	14B/730	F. 24	c/w cases, storage, Ref. 476.	,,	2	—	2	1
79	14B/1807	TANKS, Print washing type B.	For F. 24 prints	,,	2	2	2	1
80	14B/2430	TENTS, photographic type B.	Complete with 230V elect. equipment and 12V., battery charging set for use in emergency.	,,	—	—	2	—
		THERMOMETERS:—						
81	14B/1924 OR 314B/180	Type B, Farenheit, spirit filled. Farenheit Spirit filled.	For testing temperature of developer.	,,	3	3	15	2
82	14B/3270	TIMERS, clockwork, darkroom	c/w alarm } Previous Ref. 14B/385.	,,	2	2	8	1
83	14B/3271	TIMERS, clockwork, darkroom.	Second-timer }	,,	1	1	6	1
84	14B/284	TRIMMERS, print, 15″		,,	2	2	15	1
85	314B/115	TRIMMERS, print, 20″	previous Ref. 14B/285	,,	—	—	—	—
86	14B/2462	WINDERS, Film, universal, Mark 3.		,,	2	2	15	1
87	14B/1244 OR 314B/176	WRINGERS, Rubber Roller, 16″		,,	2	2	6	1
88	314B/116	Frame metal 16mm. Film Developing.		,,	6	—	6	—
		MACHINES:—						
89	14B/1419 OR 14B/4405 OR 314B/178	Lithotex Rotary .. Rotary Print Dryer Model T (State file) c/w cases transit. Machine Print drying Rotary c/w cases transit.		,,	1	1	3	—
90	14B/2479	Cases transit ..	For item 14B/1419 only	,,	1	1	3	—

10	11	12	13	14	15	16	17	18	19
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—	—	—	2	—	—	—	—	—	
—	—	—	2	—	—	—	—	—	
—	—	—	2	—	—	—	—	—	
—	—	—	2	—	—	—	—	—	
—	—	—	—	—	—	—	1	—	
1	—	—	6	1	—	1	1	—	
2	—	—	6	1	—	1	—	—	
—	—	—	2	1	—	—	—	—	
6	3	2	8	1	—	1	—	—	
4	2	1	6	1	—	1	—	—	
4	2	1	6	1	—	1	1	—	
4	3	2	6	1	—	1	—	—	
2	4	1	—	—	—	—	—	—	
2	—	—	3	—	—	1	4	—	
1	1	2	3	—	—	—	—	—	
—	—	—	—	—	—	—	4	—	
3	2	1	2	—	—	—	—	—	
3	2	1	2	—	—	—	—	—	

1	2	3	4	5	6	7	8	
91	314B/119 OR 314B/117 OR 314B/118	PHOTO-STAT, wall type M-10. PHOTOGRAPHIC Copying photo-stat standard 4. PHOTO-STAT. Model 4 Type P.	Class 10-B Part No. 516200 No. B-53	Each	—	—	—	—
		PROCESSING EQUIPMENT colour:— consisting of:—						
92	314B/120	Sheet Film processing tanks.		,,	—	—	—	—
93	314B/121	Wratten Skylight filters		,,	—	—	—	—
94	314B/122	Kodak neutral density test card		,,	—	—	—	—
95	314B/123	Kodak Skylight filter No. 2B.		,,	—	—	—	—
96	314B/124	Kodak No. 3 developing hangers.	3¼″ × 4¼″	,,	—	—	—	—
97	314B/125	Developing clips (Kodak).		Doz.	—	—	—	—
98	314B/126	Kodak self draining bottom clips.		,,	—	—	—	—
99			ITEM NOT TAKEN UP					
100	314B/127	AUTOMATIC, exposure, controls.			—	—	—	—
		SENSITOMETRIC TEST EQUIPMENT Consisting of :—						
101	314B/128	Densitometer ..	Photo Elect. Cell type with Reflector head.	— Each	—	—	—	
102	314B/129	Kodak colour separation guide	(With grey scale) ..	,,	—	—	—	
103	314B/130	Filter 0B-8-33016-1½″ diameter.	Polished to 4 2 mm. thickness.	,,	—	—	—	
104	314B/131	Set of Wratten Light filters, 2″ square in B quality.	Glass Nos. 25, 58 and 47N in 420 Rim with Kodak lens attachment 480/420.	Set	—	—	—	
105	314B/132	Graduated Step Wedge.		Each	—	—	—	
		PROCESSING EQUIPMENT, 70 mm. Manufacturers Ref. No.						
106	314B/133	Kodak 70mm. spiral film processing outfit.	Model-100 Ref.No.591.	,,	—	*3	2	—
107	314B/134	Spare spiral spool ..	Ref. No. 591A. ..	,,	—	*3	2	—

[illegible]	[illegible]	12	13	14	15	16	17	18	19
—	1	1	—	—	—	—	—	—	
—	—	—	4	—	—	—	—	—	
—	—	—	4	—	—	—	—	—	
—	—	—	4	—	—	—	—	—	
—	—	—	4	—	—	—	—	—	
—	—	—	6	—	—	—	—	—	
—	—	—	3	—	—	—	—	—	
—	—	—	3	—	—	—	—	—	
[illegible]	—	—	—	—	—	—	—	—	
[illegible]	—	—	2	—	—	1	—	—	
[illegible]	—	—	2	—	—	1	—	—	
[illegible]	—	—	2	—	—	1	—	—	
[illegible]	—	—	2	—	—	1	—	—	
[illegible]	—	—	2	—	—	1	—	—	
[illegible]	—	—	—	—	—	—	—	—	*Qty. 2 for No. 18 F.R. Squadron only.
[illegible]	—	—	—	—	—	—	—	—	

1	2	3	4	5	6	7	8	9
108	314B/135	Processing dish for above.	Model 1—100 Ref. No. 592.	Each	—	—	4	—
109	314B/136	Processing dish lid for above	Model 1—100 Ref. No. 592A.	,,	—	—	4	—
110	314B/137	STATE FILM FILM DRYER, Model 70.	Model 1—100 Ref. No. 120/123.' ..	,,	—	@2	2	—
111	314B/138	HAND STAPLING MACHINE.	Model 1—100 Ref. No. 122A. ..	,,	—	2	2	—
112	314B/197	Bruan Hobby Electronic flash Unit Automatic E.F.3.	Modal 1—100 Ref. No. 122A.	,,	1	—	—	+1
113	314B/198	Pentescope 70 mm. film Viewer.		,,	—	2	—	—
		SPLICERS, FILM—						
114	14C/1220	16 mm.		,,	2	—	2	1
115	14C/4335	35 mm.		,,	—	—	—	—
		SPOOLS :—						
116	14C/166	400 ft.		,,	As reqd.	As reqd.	As reqd.	As reqd.
117	14C/1309	800 ft.		,,	—	—	—	—
118	14C/992	1600 ft.		,,	—	—	—	—
119	1A/4056	Brushes round, Sable No. 3.	Ref. No. 1A/4056 for film cement.	,,	2	—	2	—
		DRYERS, Roll Film						
120	114B/45OR 114B/259	Type A-5 .. Type A-10	}	,,	1	—	8	—
		KITS, photographic:—						
121	114B/241	FILM Developing .. Type B-5.		,,	2	4	12	—
1			ITEM NOT TAKEN UP.					
123	114B/B-H 70	Camera 16 mm. (Bell & Howell).		,,	—	—	—	—
124	4D/717	SCALES, weighing large.		,,	1	1	6	1
125	5A/3737	REFLECTROS, photographic, Type B.	Previous Ref. 5A/1919.' C/W lamp holders, fittings, plug and 5 ft. of flox. Kodak type. Not interchangeable with Ref. No. 1919.	,,	4	—	4	2

10	11	12	13	14	15	16	17	18	19
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
1	—	—	—	—	—	—	—	—	*Qty. 1 for No. 108 F.R. Squadron only.
1	—	—	—	—	—	—	—	—	
2	—	—	2	—	—	1	—	—	@Qty. 1 for No. 108 F.R. Squadron only.
2	—	—	—	—	—	—	—	—	+Qty. 2 for A. F. Station, Kanpur, only.
2	—	—	3	—	2	1	—	—	Squadron doing cine work and established with 16 mm. projector on its scale.
—	—	—	—	—	2	—	—	—	
[illegible]	—	—	As reqd.	—	6	4	4	—	
—	—	—	—	—	—	—	4	—	
—	—	—	—	—	—	—	4	—	
2	—	—	3	—	—	1	—	—	
2	—	—	1	—	—	1	—	—	
2	—	—	1	—	—	1	—	—	
1	—	—	—	—	—	—	—	—	
1	1	1	2	—	1	—	1	—	
12	4	4	12	—	—	—	—	—	

1	2	3	4	5	6	7	8	9
126	5A/3738	Stands, telescopic. ..	C/W 20 ft. of flex and twin sockets. Kidal type. Not interchangable with Ref. No. 2257. (Previous Ref. 2257).	Each	2	—	2	2
		LAMP HOLDERS:— Bayonet :—						
127	5A/784	S.C.C.G., without key switch.		,,	—	—	20	—
		TORCHES, electric:—						
128	5A/3391	Type A. ..	Previous Ref. 5A/476.	,,	—	2	4	—
		SWITCHES :— Tumbler :—						
129	5A/4035	5 amps, 1-way. ..	Previous Ref. 5C/622	,,	—	—	12	—
130	5A/4027	SOCKETS, Three way.	Previous Ref. 5K/261B.	,,	—	—	12	—
131	5A/4052	Plugs, 3 pin. ..	Previous Ref. 5X/262B.	,,	—	—	12	—
132	5A/1451	SOCKETS Two way 2 Amps.	Previous Ref. 5X/NIV. S.1	,,	—	—	32	—
133	5A/2168	PLUGS, 2 pin. 2 amps.	Previous Ref. 5X/NIV. P.1	,,	—	—	2	—
134	5A/4124	HLOWER, all Electric	Previous Ref. 5J/1941.	,,	—	—	3	—
		TESTERS :— Insulation resistance:—						
135	5G/152	Type C.		,,	1	1	8	—
136	5G/203	Type D	,,	,,	—	—	—	—
137	5G/591	Socket 2 pole ..		,,	1	—	1	—
		BATTERIES, secondry, lead acid 12 V :—						
138	5J/3253	40 ampere hours Type C.		,,	—	—	6	—
139	5J/2379	100 ampere hours. ..		,,	4	4	14	2
		LAMPS, Electric, filament :—						
140	5L/9964230	110V-15W-Pearl, B.C.	Previous Ref. 5L/1172.	,,	—	—	16	—
141	5L/9964228	110V-15W-Ruby B.C.	Previous Ref. 5L/1684.	,,	—	—	8	—
142	5L/9964330	110V-25W-Pearl, B.C.	Previous Ref. 5L/1173.	,,	—	—	16	—
143	5L/9964520	110-V-60W-Pearl, gas-filled.	Previous Ref. 5L/1175.	,,	—	—	24	—

10	11	12	13	14	15	16	17	18	19
12	4	4	1	—	—	—	—	—	
8	2	4	12	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
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—	—	—	—	—	—	—	—	—	
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4	—	—	12	2	—	—	—	—	
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—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	

1	2	3	4	5	6	7	8	9
144	5L/9964646	110—100W— B.C.	Previous Ref. 5L/478	Each	—	—	16	—
144A	5L/9964257	220V—15W—(Safe Light) B.C.		,,	As reqd.	As reqd.	As reqd.	As reqd.
145	5L/9964259	15W—(Ruby) B.C.		,,	6	As reqd.	As reqd.	2
146	5L/9964370	25W(Printers).		,	10	As reqd.	As reqd.	6
147	5L/9964552	60W (Reflex printer) clear.		,,	—	—	As reqd.	—
148	5L/9964685	60W (Reflex printer) Amber		,,	—	—	As reqd.	—
149	5L/9964687	100W (Screw cap) Clear		,,	—	—	—	—
150	5L/9964685	100W (Screw cap) Amber.		,,	—	—	—	—
151	5L/9964752	150W(Miniature enlarger)	To be demanded if miniature.	,,	2	—	2	—
152	5L/9964589	60W (Miniature enlarger)	Enlarger held.	,,	2	—	—	—
153	5L/9964755	150W (Barcro).	For Ref. No. of Lamp electric filament of requisite volt. Refer A.P. 1086, 2nd Edition Book 3, Part 1.	,,	—	—	—	—
154	5L/9966827 OR 5L/9964847	1500W (G.E.S.) 500W (E.S.).	Book 3, Part 1	,,	2	—	2	2
155	5L/9966829 OR 205L/101	500W (Photographic Reflectors) OR Mercury Photo-Stat.	Ref. N. NIV-L/30.	,,	6	—	6	3
156	5L/91 OR 5L/478	220V.—100 Watts.		,,	—	—	6	—
		MOTORS, electric :—	For Drums Drying Type 'B'.					
157	5P/583 OR 5P/581	200/250 Volts. A.C. 200/250 Volts. 1/30 h.p.	A.C.	,,	2	1	2	1
158	5P/2899	TRANSFORMER	For B-5 Developing set.	,,	—	4	12	—

1	2	3	4	5	6	7	8	9
159	6E/275	GLASSES, Magnifying, 3″.		Each	1	2	7	1
160	305P/101	BOARDS, Wooden 16″ × 12″.	For switch board (Local manufacture).	,,	—	—	6	—
161	21B/52	BRUSHES, scrubbing.	Hand union	,,	4	4	16	2
162	321M/108	JUGS, Polythene 4 Litres.	Polythene.	,,	2	4	12	2
163	321M/9438600	PAILS, Slope.	Enamelled with cover	,,	2	6	16	2
		SCALES, weighing :—						
164	321C/2248	Chemicals	For photographic and safety equipment sections.	,,	1	2	7	1
		WEIGHTS :— Metric :—						
165	321C/169	50 Mgms.		,,	1	2	7	1
166	321C/110	1 gm.		,,	1	2	7	1
167	321C/109	2 gms.		,,	1	2	7	1
168	321C/108	5 gms.		,,	1	2	7	1
169	321C/107	10 gms.		,,	1	2	7	1
170	321C/106	20 gms.		,,	1	2	7	1
171	321C/105	50 gms.		,,	1	2	7	1
172	321C/104	100 gms.		,,	1	2	7	1
173	321C/103	200 gms.		,,	1	2	7	1
174	321C/102	500 gms.		,,	1	2	7	1
175	321C/117	1 Kg.		,,	1	2	7	1
176	321C/116	2 Kgs.		,,	1	2	7	1
		TUBS :— Washing :—						
177	321C/891	Round.		,,	—	—	5	—
		BATHS :—						
178	321C/610	Zinc.		,,	—	—	6	—
179	21E/11 ..	BLANKETS,		,,	—	—	18	—
180	21E/553 ..	Mosquito Nets		,,	2	—	4	—
181	22D/85 ..	TOWELS, hand		,,	10	6	30	4
182	22D/9425937	GUM BOOTS,	Size 7	Pair	—	—	3	—

10	11	12	13	14	15	16	17	18	19
2	2	1	1	1	—	1	3	—	
—	—	—	—	—	—	—	—	—	
4	2	2	6	2	—	—	—	—	
6	4	2	12	2	—	—	—	—	
12	4	2	2	2	—	—	—	—	
2	1	1	3	1	—	—	—	—	
2	1	1	3	—	—	—	—	—	
2	1	1	3	—	—	—	—	—	
2	1	1	3	—	—	—	—	—	
2	1	1	3	—	—	—	—	—	
2	1	1	3	—	—	—	—	—	
2	1	1	3	—	—	—	—	—	
2	1	1	3	—	—	—	—	—	
2	1	1	3	—	—	—	—	—	
2	1	1	3	—	—	—	—	—	
2	1	1	3	—	—	—	—	—	
2	1	1	3	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	16	12	4	24	4	—	—	—	
—	—	—	—	—	—	—	—	—	

1	2	3	4	5	6	7	8	9
183	22D/9425938		Size 8	Pair	—	—	6	—
184	22D/9425939		Size 9	,,	—	—	3	—
185	22G/395 ..	APRONS, rubber		Each	6	8	30	2
		GLOVES —						
		Rubber, photographic N.P.—						
186	G/597 .. 22G/598 OR 22G/599	Size No. 7 } Size No. 8 } Size No. 9		Pair	As reqd.	As reqd.	As reqd.	As reqd.
187	29G/9108186	PADLOCKS, Iron		Each	—	—	20	—
188	32B/9427267	Flannelette 13. CM		Metre	3	4	As reqd.	1
189	32B/399 ..	LEATHER, Chamois		,,	6	6	25	1
		GENERATOR— }						
190	142U/405 ..	110V. }		Each	—	—	4	—
		RECTIFIERS—						
191	5P/365 .. OR 5P/297	Type 2C		,,	1	—	1	1
		TRANSFORMERS—						
192	5P/3 ..	230/115V	For A-10 Drying Drum	,,	—	—	16	—
193	5X/1768 ..	Socket 3 pole No. 1		,,	1	—	1	—
194	5X/1769 ..	Socket 5 pole		,,	1	—	1	—
195	6B/117 OR 6B/281 ..	Watches Stop }		,,	—	—	3	—
196	5C/2091 ..	Switches push		,,	—	—	—	—
197	5C/543 ..	Switches Tumbler		,,	—	—	—	—
198	5C/898 ..	Switches push Type B		,,	—	—	—	
199	5QP/10613 ..	Test Meter Type D		,,	1	—	1	—
200	314B/171 ..	Dishes Polythene, 45″× 65″.		,,	—	—	6	—
201	5J/9101101	Battery Dry Cell		,,	—	As reqd.	As reqd.	—
202	321C/176 ..	Geyser		,,	*1	1	2	—
203	321B/117 ..	Water Cooler		,,	*1	1	2	—

10	11	12	13	14	15	16	17	18	19
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
12	6	4	18	2	—	—	—	—	
As reqd.	As reqd.	As reqd.	As reqd.	As reqd.	—	—	—	—	
—	—	—	—	—	—	—	—	—	
2	1	1	3	1	—	—	—	—	
6	1	—	8	1	—	—	—	—	
—	—	—	—	—	—	—	—	—	
1	—	—	1	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	4	—	
—	—	—	—	—	—	—	4	—	
—	—	—	—	—	—	—	2	—	
—	—	—	—	—	—	—	4	—	
—	—	—	—	—	—	—	4	—	
—	—	—	—	—	—	—	4	—	
—	—	—	—	—	—	—	1	—	
6	—	—	6	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
2	—	—	2	—	—	—	—	—	*Only for ATW.
2	—	—	2	—	—	—	—	—	*Only for ATW.

1	2	3	4	5	6	7	8	9
204	314B/181 ..	Universal Contact Printer with following accessories—		Each	3	1	10	1
205	314B/183 ..	Glasses Pressure		,,	As reqd.	As reqd.	As reqd.	As reqd.
206	314B/184 ..	Diffusion Glasses		,,	As reqd.	As reqd.	As reqd.	As reqd.

10	11	12	13	14	15	16	17	18	19
8	—	—	10	1	—	2	—	—	Items 14B/733, 14B/1797 and 14B/3226 (appearing on page No. 13 of this scale along with their accessories will continue to be used until wasted out through Fare, wear and tear.
As reqd.	—	—	As reqd.	As reqd.	As reqd.	—	—	—	
As reqd.	—	—	As reqd.	As reqd.	As reqd.	—	—	—	

M/S3IAF—2860—25-4-72—GIPS

AIR HQ/60411/LMA/D-II
Dated:- 21st November, 1972.

AMENDMENT LIST NO.10 TO I.A.P.1503A SCALE A-7
'SCALE OF EQUIPMENT FOR WASHERMAN'

The following amendments are made in the above I.A.P.

I.A.P.1503-A

WASHERMAN

Page No.299 Section 21C

Add the following in 'Details or Remarks' column against

NIV/1/501 Iron Dhobi.

"Charcoal/Steam Coal to be issued on as required basis for use with Irons Dhobi."

NOTE:- The above is an extract of A.L.No.17 to A.P.830(I) Vol.III Part 'A' Scale A-7 issued vide Ministry of Defence U.O.No.9844-C/AF of 1952 and the same was erroneously omitted while I.A.P.1503-A was got printed. A.L.No.10 to I.A.P.1503-A has been issued by this Headquarters on behalf of the Government of India.

AIR HQ/60411/LMA/D-II
Min. of Fin.(Def)U.O.No.
9844-C/AF of 1952.

RESTRICTED

For Official Use Only

AMENDMENT LIST NO.10

TO

A I.A.P.1503-A

EQUIPMENT REGULATIONS FOR THE INDIAN AIR FORCE

SCALES OF TECHNICAL EQUIPMENT

(B L SABHARWAL)
WG CDR
DDM (D)
for Air Officer Incharge
MAINTENANCE

FILE NO.AIR HQ/60411/LMA/D-II
Dt. 21st November, 1972.

RESTRICTED

Scale of Equipment for Washermen

E 1.—Class A & B stores will be issued to the inventory of flight/section concerned for re-issue to washerman.

TE 2.—Scales given below are for each washerman on the strength of a unit.

Ref. No.	Nomenclature	Details or Remarks	Denom. of Qty.	Quantity
	SECTION 21B			
	BRUSHES, Scrub:—			
52	Hand union	Army Cat. No. KE 0883	EA	1
	SECTION 21C			
NIV/1/501	IRONS, Dhobi	Army Cat.No. IKF 0044	,,	1
NIV/T/501	TUBS, washing oval 8 Gall.	Army Cat. No. KF 5534	,,	1
	SECTION 32A			
NIV/C/1	CORDAGE, Cotton Hawserlaid undyed 1″	Army Cat. No.IHB 0113	Yds.	50
	SECTION 33D			
178	SOAP Yellow	Army Cat. No.HA 0362 (a) @12 ozs per man on the strength of the unit per 2 months.	Bars	(*a*)
349	SODA, Ash Commercial	(b) per 100 items washed Army Cat. No. IHA 0311	Lbs.	0-4(*b*)

Air. HQ/60411 21 1/72

Case No. AIR HQ/4599/22/EIC
MFD UO No. 4526-C/AF dt. 28-8-51.

I. A. P. 1503-A Scale A-8

(Old. A. P. 830 Vol. III Part 'A' Scale A—8)

SCALE OF TOOL KIT FOR FLIGHT AND SECTION LOCK-UP

[This Scale supersedes the Scale IAP 150 3-A, Scale A-6, Part 1.]

(Promulgated for Information, Guidance and necessary action)

CONTENTS

TITLE PAGE

CONTENTS

AMENDMENTS CERTIFICATE

MEMORANDUM OF INSTRUCTIONS

SCALE OF EQUIPMENT

AMENDMENTS CERTIFICATES

The amendments promulgated in undermentioned list have been incorporated this publication.

Amendment list		Amendment made by	Date	Signature
No.	Date			

21—6 I.A.F./65

MEMORANDUM OF INSTRUCTIONS

1. The scales contained in this publication detail the contents of the various tools kits to be held in Flight and Section LOCK-UPS in Indian Air Force and they constitute the authority for demanding and holding the items scheduled therein, by entitled Flights and Sections.

2. The scales are comprehensive and it may be found that certain items are not used by a particular flight or section. In such cases the items are not to be demanded simply because they appear in the scale and if they are held they are to be returned to the appropriate Equipment Depot.

3. Issues in excess of quantities allowed by these scales or of additional items are not to be made without the prior approval of Air Headquarters.

4. The general principles laid down in IAP 1501 are to be followed in all cases when dealing with tool kits.

5. In case where amendments to any scale in this publication are considered necessary, suggestions are to be forwarded to Air Headquarters (T. S. 8) through the usual channels.

6. The specialist tools and equipments for servicing of components of various types of aircraft are scaled in the appropriate aircraft scales which may be consulted. A list of such scales approved by the Government of India is given on the next page.

7. The publication is to be kept up-to-date by means of periodical amendments which are to be inserted as directed.

8. This scale supersedes the scale IAP 1503 A Scale A-6, Part 1.

Scale of Tools and Equipment for Various Types of A/C approved by the Government

S. No.	A/C type	Authority
1	AN/12 A/C	Air HQ/35133/4/E-21.
2	Auster MK VI Auster MK IX	A. P. 2440 Vol. III, Part 3. Air HQ/27170/Tech/2291/SO1/D (Air-1) dated 14th June 1958.
3	Canberra MK 1B-8 Canberra MK T.4. Canberra MK P.R. 7.	Air HQ/35105/4/E21/1627/D (Air-Proj)/60-Min. of Fin. U.O. No. 5718/ST/AF of 1960.
4	Dakota MK III Dakota MK IV.	A. P. 2445, Vol. III, Part 3-Air HQ/27170/Tech/2291/SO1/D(Air-1) dated 14th June 1958.
5	DEVON C MK. 1.	A. P. 4260, Vol. III, Part 3- Air HQ/27170/Tech/2291/SO1/D (Ar-1) dated 14th June 1958.
6	Gnat MK 1.	Air HQ/35110/4/E21-Min. of Def. U.O. No. 2267/D (Air-Proj) dated 7-10-61.
7	Harvard II B Harvard T6a.	A.P. 1691, Vol. III, Part 3-Air HQ/27179/Tech/2291/SO1/D (Air-1) dated 14th June 1958.
8	Helicopter S. 55	Air HQ/35113/4/E-21- M of D.U.O. No. 6291/D(Air-1) dated 13th July 1961 superseding the scale laid down in R.O. Part IV S. No. 208/56.
9	Helicopter Bell-47G-2	Air HQ/35114/4/E-21- Min of Def. U.O. No. 6094/D (Air-1) dated 5th July 1961, superseding the scale given in R.O. Pt. IV S. No. 22/60.
10	H.T.2.	Air HQ/35119/4/E-21-M of F. U. O. No. 2778/ST/AF dated 18-4-61.
11	Hunter MK F. 56. Hunter T. 66.	(a) Scale for 1st & 2nd line servicing—Air HQ/35118/4/4E21/1516/D (Air-Proj) of 1960. (b) Scale for 3rd & 4th line servicing -Air HQ/35118/5 E21/1628-D(Air-Proj) of 1960. Air HQ/35115/4/E-21-M of F.U.O. No. 5051-St/AF of 1960.
12	Illyushin 11-14.	
13	Liberator MK VIII	Air HQ/35130/5/E21/4828-D (Air-1) dated 29-5-61-M of F.U.O. No. 3961/ST/AF dated 1-4-61.
14	Mystere MK IVA.	Air HQ/35128/4/E21/2802/D (Air-1) U.O. No. 2245 ST/AF dated 27-3-61.
15	Otter	Air HQ/35120/4/E21/1309/D (Air-Proj) of 1960.
16	Packet C. 1196	Air HQ/35135/4/E21.
17	Prentice MK 1.	A.P. 4254 Vol. III, Part 3-Air HQ/27170/Tech/2291/SO1/D (Air-1) dated 14th June 1958.
18	Toofani.	Air HQ/35125/4/E21-M of D. U.O. No. 6990/D(Air-1) dated 1-8-61 superseding scale given in R.O. Pt. IV S. No. 51/56.
19	Vampire MK. 52. Vampire MK 55. Vampire N.F. 10.	Air HQ/29348/2/E-14-A.P.F.S./Pub-2102/9/A6E dated 22-2-57. and 14-6-57.
20	Viscount	Air HQ/35127/4/E-21 dated 12-12-59.

Tool Kit for Flight & Sections

Sl. No.	Sec./Ref. No.	Nomenclature	Denom.	Qty. Reqd.	Remarks
1	2	3	4	5	6
		FLIGHT LOCK -UP			
1	1A/3870	Awls, brad Blades 1/16″	EA	1	
2	1A/3871	,, ,, ,, 3/32 in.	,,	1	
3	1A/3872	,, ,, ,, 1/8 in.	,,	1	
4	1A/3873	,, ,, ,, 3/16 in.	,,	1	
5	1A/20	,, ,, Handles Large	,,	1	
6	1A/21	,, ,, ,, Small	,,	1	
7	1A/3864	Bars, tommy 3½″ × 3/16″	,,	1	
8	1A/31	,, ,, 6″ × 5/8 in.	,,	1	
9	1A/36	,, ,, 18″	,,	1	
10	1A/85	Bobs, Plumb, 8 oz.	,,	2	
11	1A/NIV	Boxes, tool, Metal Medium	,,	4	
12	1A/152	Braces, Carpenters, 10 in. sweep	,,	4	
13	1A/2693	Brushes, Engine cleaning	,,	1	
14	1A/287	,, stencil	,,	1	
15	1A/291	,, varnish 1 inch.	,,	1	
16	1A/292	,, varnish 2 inch	,,	2	
17	1A/295	,, ,, 4 inches	,,	2	
18	1A/315	Calipers, common Inside, 4 inches	,,	2	
19	1A/316	Calipers, common Outside, 4 inches	,,	1	
20	1A/340	Cans, Dope	,,	1	
21	1A/345	Cans Lubricating Oil Large	,,	2	
22	1A/3715	,, ,, ,, Small	,,	1	
23	1A/348	Cans Paint	,,	1	
24	1A/2738	Cards, scratch	,,	1	
25	1A/440	Chisels, chipping, cold 6″ × ½ inch	In.	6	
26	1A/409	Chisels, chipping, cold 8″ × 3/4″	,,	2	
27	1A/2741	Chisels, chipping crosscut	,,	1	
28	1A/415	,, ,, Engraving	,,	1	
29	1A/2740	,, ,, Light sets	,,	1	
30	1A/384	Firmer 1/8 inch.	Set	1	
31	1A/385	,, 1/4 ,,	EA	1	
32	1A/387	,, 1/2 ,,	,,	1	
33	1A/389	,, 3/4 ,,	,,	1	
34	1A/391	,, 1 ,,	,,	1	
35	1A/393	,, 1¼ ,,	,,	1	
36	1A/2751	Clamps, Tool makers 3½ inches	,,	1	
37	1A/3587	Cleaners, contact	,,	2	
38	1A/480	Compasses, wing 7 inches	,,	1	
39	1A/621	Dividers, spring 6 inches	Prs.	1	
40	1A/745	Drills, twist, straight shank 1/16″	,,	2	
41	1A/746	Drills, twist, straight shank 5/64″	EA	12	
42	1A/747	Drills , twist, straight shank 3/32″	,,	8	
43	1A/748	Drills, twist, straight shank 7/64″	,,	10	
44	1A/749	Drills, twist, straight shank 1/8″	,,	8	
45	1A/751	Drills, twist, straight shank 5/32″	,,	6	
46	1A/753	Drills, twist, straight shank 3/16″	,,	6	
47	1A/755	Drill, twist, straight shank 7/32″	,,	6	
48	1A/757	Drills, twist, straight shank 1/4″	,,	2	
49	1A/759	Drills, twist, straight shank 9/32″	,,	2	
50	1A/761	Drills, twist, straight shank 5/16″	,,	2	

1	2	3	4	5	6
51	1A/763	Drills, twist straight shank 11/32″	EA	2	
52	1A/765	Drills, twist straight shank 3/8″	,,	2	
53	1A/3386	Drills, twist wire gauge singles No. 8	,,	1	
54	1A/3389	Drills, twist wire gauge singles No. 11	,,	1	
55	1A/3390	Drills, twist wire gauge singles No. 12	,,	1	
56	1A/3397	Drills, twist wire gauge singles No. 19	,,	1	
57	1A/3429	Drills, twist wire gauge singles No. 26	,,	2	
58	1A/3432	Drills, twist wire gauge singles No. 29	,,	2	
59	1A/3437	Drills, twist wire gauge singles No. 34	,,	2	
60	1A/3440	Drills, twist wire gauge singles No. 37	,,	2	
61	1A/3444	Drills, twist wire gauge single No. 41	,,	2	
62	1A/3457	Drills, twist wire gauge single No. 44	,,	2	
63	1A/3511	Drills, twist wire gauge single No. 51	,,	2	
64	1A/3516	Drills, twist wire gauge single No. 54	,,	2	
65	1A/3750	Extractors, screw, sets	Set	1	
66	1A/901	Files, Bastard, Half round 6 inches	EA	1	
67	1A/903	Files, Bastard, Half round 10 inches	,,	1	
68	1A/903	Files, Bastard, Half safe edge 8 inches	,,	1	
69	1A/910	Files, Bastard, Half safe edge 10 inches	,,	1	
70	1A/919	Files, Bastard, Round 4 inches	,,	1	
71	1A/921	Files, Bastard, Round 6 inches	,,	1	
72	1A/930	Files,, Bastard, Square 6 inches	,,	1	
73	1A/937	,, ,, Three Square 4 inches	,,	1	
74	1A/939	Files, Bastard, Three Square 6 inches	,,	1	
75	1A/951	Files, Bastard, Warding, cut both sides 4 inches	,,	1	
76	1A/1001	Files, Dreadnought, 12 inches	,,	1	
77	1A/3861	Files Equalling	,,	1	
78	1A/3845	Files, Pivotting, Second cut, Hand safe edge	,,	1	
79	1A/1058	Files, Pivotting, second cut, Hand safe edge 6 inches	,,	1	
80	1A/1061	Files, Pivottong, second cut, Hand safe edge 10 inches	,,	3	
81	1A/1117	Files, Pivotting, smooth Half round 6″	,,	1	
82	1A/1124	Files, Pivotting, smooth Half safe edge 6″	,,	1	
83	1A/1125	Files, Pivotting, smooth Half safe edge 8″	,,	1	
84	1A/1142	Files, Pivotting, smooth Round 8 inches	,,	1	
85	1A/1157	Files, Pivotting, smooth Three Square, 6 inches.	,,	1	
86	1B/4110	GAUGES, Feeler, English, 4 inches	,,	1	
87	1B/1228	,, Screw pitch, whiteworth	,,	1	
88	1B/4212	,, wire	,,	1	
89	1B/1258	,, Firmer 1/4 inch	,,	1	
90	1B/1259	,, Firmer 3/8 inch	,,	1	
91	1B/1261	,, Firmer 1/2 inch	,,	1	
92	1B/1262	,, Firmer 5/8 inch	,,	1	
93	1B/1263	,, Firmer 3/4 inch	,,	1	
94	1B/4467	GUNS, LUBRICATING, A/C, Universal	,,	1	
95	1B/4469	,, Accessories, Nozzle assemblies Hydraulic, push on.	,,	1	
96	1B/4463	GUNS, Accessories, Nozzle assemblies spares Miniature tat hook on.	,,	1	
97	1B/4462	GUNS, Accessories, Nozzle assemblies spares standard tat hook on.	,,	1	
98	1B/4468	GUNS, Accessories, Nozzle assemblies spares Tecozeru, push on.	,,	1	
99	1B/1325	HAMMERS, Fitters Ball pane 4 oz.	,,	2	
100	1B/1331	HAMMERS, Fitters Ball pane 24 oz.	,,	1	
101	1B/4185	HAMMERS, Rubber 3½″ × 1-7/8″	,,	1	
102	1B/4473	HANDLES, HAMMERS No. 1	,,	2	
103	1B/4474	,, ,, No. 2	,,	2	
104	1B/4475	,, ,, No. 5	,,	2	
105	1B/4476	,, ,, No. 6	,,	2	
106	1B/4477	,, ,, No. 7	,,	2	
107	1B/4478	,, ,, No. 8	,,	2	

1	2	3	4	5	6
		HANDLE, HAMMERS No. 9	EA	2	
108	1B/4479	,, File Large	,,	3	
109	1B/1394	,, ,, Small	,,	3	
110	1B/1396	IRONS, SOLDERING, Alumino-thermic	,,	1	
111	1B/4142	IRONS, SOLDERING, Common 8 oz.	,,	1	
112	1B/1484	,, ,, ,,	,,	1	
113	1B/1486	1 lb. 10 oz.			
114	1B/4230	IRONS, SOLDERING, Electric Medium 110-120 Volts.			
	or		,,	2	
	1B/4231	IRONS, SOLDERING, Electric Medium 200-220 Volts.			
	or				
	1B/4232	IRONS, SOLDERING, Electric Medium 230-250 Volts.			
115	1B/4133	IRONS, SOLDERING, Electric Light 110-120 Volts.			
	or				
116	1B/4233	IORNS, SOLDERING, Electric Light 200-220 Volts.	,,	1	
	or				
117	1B/4234	IRONS, SOLDERING, Electric Light 230-250 Volts.			
		LAMPS, BRACING, 1 pint	,,	1	
118	1B/1514	LAVELS, SPIRIT 10 inches	,,	1	
119	1B/2923	,, ,, 0° to 10°	,,	1	
120	1B/4235	MALLETS, CARPENTERS	,,	1	
121	1B/1547	MEASURES, OIL 1 pint	,,	1	
122	1B,4255	MIRROR INSEPCTION, Magnifying	,,	1	
123	1B/4487	for inspection purposes with a universal joint.			
123A	1B/1601	Nail Puller	,,	1	
124	1B,1602	NEEDLES, Circular 1½″ circumference	,,	2	
125	1B/1604	NEEDLES, Circular 2″ circumference	,,	1	
126	1B,2929	NEEDLES, Circular 3″ circumference	,,	1	
127	1B/2930	NEEDLES, Circular 4″ circumference	,,	1	
128	1B/2931	NEEDLES, Circular 5″ circumference	,,	1	
129	1B,2935	NEEDLES, Sailmakers 2″	,,	1	
130	1B/1627	,, ,, 2¼″	,,	1	
131	1B,1629	,, ,, 2½″	,,	1	
132	1B/1631	,, ,, 22/3″	,,	1	
133	1B/1632	,, ,, 3″	,,	1	
134	1B,2936	,, ,, 4″	,,	1	
135	1B/1614	NEEDLES, Sewing No. 2	,,	1	
136	1B/1615	,, ,, No. 3	,,	1	
137	1B/1616	,, ,, No. 4	,,	1	
138	1B/1618	,, ,, No. 6	,,	1	
139	1B,1619	,, ,, No. 7	,,	1	
140	1B/1620	,, ,, No. 8	,,	1	
141	1B,1634	NEEDLES, Upholsterers 8″	,,	2	
142	1B/1636	,, ,, 10″	,,	2	
143	1B/1638	,, ,, 16″	,,	2	
144	1B/4408	NIPPERS, End Cutting, Toggle Joint, 8″	Prs.	2	
145	1B/1647	OILSTONES, General purposes, fine.	EA	1	
146	1B/1702	OILSTONES, Slip Turkey.	,,	1	
147	1B/1704	PALMS, Sewing Sailmakers	,,	1	
148	1B/4242	PLIERS, Cuttin, 5½ inches.	Prs.	1	
149	1B/1777	PLIERS, Eyelet fixing-plain.	,,	1	
150	1B/1783	PLIERS, Flat nose, 6 inches.	,,	1	
151	1B/1788	,, Gss, 6 inches.	,,	1	
152	1B/1794	,, Quick grip, No. 3.	,,	1	
153	1B/1798	,, Round nose 6 inches.	,,	1	
154	1B/4107	,, Sleeve fixing.	,,	1	
155	1B/1813	POTS, Glue, Common.	EA	1	
156	1B/1835	PUNCHES, Nail or pin, 3/16″	,,	1	
157	1B/1836	,, ,, ,, 1/4″	,,	1	
158	1B/2124	Rules steel, 6 inches.	,,	2	

1	2	3	4	5	6
159	1 B/2125	Rules Steel, 12 inches.	EA	1	
160	1 C/5582 or 1 C/2141	SAWS, HAC& fixed.	,,	4	
161		,, ,, adjutable. ,, ,, Blades 12″			
161A	1 C/5583	SAWS, HACK, Blades 18 t. p.i.	,,	30	
162	1 C/2143	,, ,, ,, 32 t.p.i.	,,	30	
163	1 C/2149	SAWS, Half rip.	,,	1	
164	1 C/2146	,, Hand.	,,	1	
165	1 C/3183	,, Key hole.	,,	1	
166	1 C/2151	,, Tenon.	,,	1	
167	1 C/2154	SCISSORS, Lboratory.	Prs.	1	
168	1 C/3188	,, Round end.	,,	1	
169	1 C/3189	SCRAPERS. Fitters, Flat.	EA	1	
170	1 C/2157	,, ,, Half round	,,	1	
171	1 C/2158	,, ,, Three square.	,,	1	
172	1 C/5321	SEREW DRIVERSm COMMON 8″	,,	1	
173	1 C/2165	,, ,, ,, 12″	,,	1	
174	1 C/5923	SCREW DRIVERS, Watchmakers, Attachments, screw positioner combination.	,,	1	
175	1 C/6410	SCREW DRIVERS, Cross point No. 1.	,,	2	
176	1 C/6411	SCREW DRIVERS, Cross point No. 2.	,,	2	
177	1 C/6412	SCREW DRIVERS, Cross point/No. 3.	,,	2	
178	1 C/6413	SCREW DRIVERS, Cross point No. 4.	,,	2	
179	1 C/6452	SCREW DRIVERS, Spiral automatic type B.	,,	2	
180	1 C/6453	BITTO 3/16″	Qty. as R. O. Pt 159/54.	per IV	
181	1 C/6454	,, 1/4″			
182	1 C/6455	,, 5/16″			
183	1 C/2187	SCRIBERS, Fitter	EA	1	
184	1 C/2190	SETS, Saw, hand	,,	1	
185	1 C/5501	SHEARS, Serrating.	Prs.	1	
186	1 C/2196	,, Tinmen's snip Bent 14″.	,,	1	
187	1 C/2195	SHEARS, Tinmen's snips straight.	,,	1	
188	1 C/2222	SPANNERS, Adjustable 6″	,,	2	
189	1 C/2224	,, ,, 9″	,,	2	
		Spanners for British Manufactured A/C and equipment.			
190	1 C/2229	SPANNERS, Box, Double ended 1/8″×3/16″ whit.	,,	1	
191	1 C/5033	SPANNERS, Box, Double ended 1/4″x5/16″ whit.	,,	1	
192	1 C/5034	SPANNERS, Box, Double ended 3/8″×7/16″ whit.	,,	1	
193	1 C/5035	SPANNERS, Box, Double ended 1/2″×5/8″ whit.	,,	1	
194	1 C/2236	SPANNERS, Box Double ended 5/8″×3/4″ whit.	EA	1	
195	1 C/2237	SPANNERS, Box Double ended 7/8″×1″ whit.	,,	1	
196	1 C/2444	SAPNERS, Box Double ended 1/8″×3/16″ whit.	,,	1	
		OR			
		SAPNNERS for servicing of American manufactured A/C and equipment.			
197	1 C/6342	SPANER, OPEN JAW D.E. 11/32″×25/32″	,,	1	
198	1 C/6344	SPANER, OPEN JAW D.E. 3/4″×13/16″	,,	1	
199	1 C/6346	SPANNER, OPEN JAW D.E. 15/16″×1″.	,,	1	
200	1 C/6347	SPANNER, OPEN JAW D.E. 11/16″×11/8″	,,	1	

1	2	3	4	5	6
201	1C/6348	SPANNER, OPEN JAW D.E. 1½″ × 1¼″.	EA	1	
202	1C/6340	SPANNER, OPEN JAW D.E. 9/32″ × 3/8″	,,	1	
203	1C/6339	SPANNER, OPEN JAW D.E. 1/2″ × 9/16″	,,	1	
204	1C/6343	SPANNER, OPEN JAW D.E. 9/16″ × 11/16″	,,	1	
205	1C/6341	SPANNER, OPEN JAW D.E. 19/32″ × 11/16″	,,	1	
206	1C/84	SPANNER, OPEN JAW B-1 Hex ring 3/4″ × 7/8″.	,,	1	
207	1C/86	SPANNER, OPEN JAW B-1 Hex ring 11/16″ × 11/8″.	,,	1	
208	1C/78	SPANNER, OPEN JAW B-1 Hex ring 51/6″ × 3/8″	,,	1	
209	1C/79	SPANNER, OPEN JAW B-1 Hex ring 3/8″ × 7/16″.	,,	1	
210	1C/80	SPANNER, OPEN JAW B-1 Hex ring 1/2″ × 9/16″.	,,	1	
211	1C/9	SPANNER, Socket Hand swivel 6″ × 9/32″	,,	1	
212	1C/53	SPANNERS, Socket Hand swivel 15″ × ½″	,,	1	
213	1C/137	SPANNER, Socket Hand swivel 15″ × 9/32″	,,	1	
214	1C/132	SPANNER, Socket Hexagonal 9/32″ drive 3/16″.	,,	1	
215	1C/77	SPANNER, Socket Hexagonal 9/32″ drive 5/16″.	,,	1	
216	1C/134	SPANNER, Socket Hexagonal 9/32″ drive 11/32″.	,,	1	
217	1C/135	SPANNER, Socket Hexagonal 9/32″ drive 3/8″.	,,	1	
218	1C/136	SPANNER, Socket Hexagonal 9/32″ drive 7/16″.	,,	1	
219	1C/5843	SPANNERS, Box, Single Ended 6 B.A.	,,	1	
220	1C/6075	SPANNERS, Box, Wrench, pipe union, Double ended 3/8″ × ½″ B.S.P.	,,	2	
221	1C/6076	SPANNERS, Box, Wrench, pipe union, Double ended 5/8″ × 3/4″ B.S.P.	,,	2	
222	1C/5856	SPANNERS, Box, Wrench, pipe union, Single ended ¼″ B.S.P.	,,	2	
223	1C/5861	SPANNERS, Box, Wrench, pipe union, Single ended 7/8″ B.S.P.	,,	2	
224	1C/2283	SPOKESHAVES, 2¼″.	,,	1	
225	1C/2294	SQUARES, Carpenters 6″.	,,	1	
226	1C/2298	SQUARES, Fitters grade A, 4″.	,,	1	
227	1C/2408	STOCKS, DRILL, Breast.	,,	1	
228	1C/2407	STOCKS, DRILL, Hand.	,,	2	
229	1C/2433	SYRINGES, Oil.	,,	2	
230	1C/5032	TAPES, MEASURING, Linen, 50 ft.	,,	3	
231	1C/2590	THIMBLES	,,	1	
232	1C/2447	TONGS, Smiths, Forge, Small.	Prs.	1	
233	1C/2448	TONGS, Smiths, Hollow bit.	,,	1	
234	1C/5250	TOOLS, Cable stripping.	,,	2	
235	1C/5309	TOOLS, Riveting, solid rivets set-ups 3/32″ diam. rivet.	Sets	1 2	
236	1C/5310	TOOLS, Riveting, Solid rivets set-ups 1/8″ diam. rivet.	EA	2	
237	1C/5041	TOOLS, Riveting Solid rivets snaps 3/32″ diam. rivet.	,,	2	
238	1C/5039	TOOLS, Riveting Solid rivets snaps 1/8″ diam. rivet.	,,	2	
		TOOLS SCREW CUTTING—BRITISH MANUFACTURED A/C & EQUIPMENT			
239	1C/3280	TOOLS, Tubular rivets screw cutting Dies B.A. Thread R. H. No. o.	Sets	1	
240	1C/2464	TOOLS, Tubular rivets screw cutting Dies B. A. Thread R. H. No. 2.	,,	1	
241	1C/2465	TOOLS, Tubular rivets screw cutting Dies B. A. Thread R. H. No. 4.	,,	1	

1	2	3	4	5	6
242	1C/3284	TOOLS, Tubular rivets screw cutting Dies B. A. Thread R. H. No. 6.	Sets	1	
243	1C/3286	TOOLS, Tubular rivets screw cutting Dies B. A. Thread R. H. No. 8.	,,	1	
244	1C/3288	TOOLS, Tubular rivets screw cutting Dies B.A. Thread R.H. No. 10.	,,	1	
245	1C/2468	TOOLS, Tubular rivets screw cutting Dies B. S. F. Thread R. H. No. 1/4″.	,,	1	
246	1C/2469	TOOLS, Tubular rivets screw cutting Dies B. S. F. Thread R.H. No. 5/16″.	,,	1	
247	1C/2470	TOOLS, Tubular rivets screw cutting Dies B. S. F. Thread R. H. No. 3/8″.	,,	1	
248	1C/3345	TOOLS, Tubular rivets screw cutting Dies B. S. F. Thread R. H. No. 7/16″.	,,	1	
249	1C/2471	TOOLS, Tubular rivets screw cutting Dies B. S. F. Thread R.H. No. 1/2″.	,,	1	
		OR			
250	1C/	TOOL SCREW CUTTING FOR AMERICAN MANUFACTURED A/C & EQUIPMENT.			
250A	1C/6350	SCREW CUTTING Dies R. H. 1/4″×28 T. P. I. (fine thread)	EA	1	
251	1C/6351	SCREW CUTTING Dies R.H.5/16″×24 T. P. I. (fine thread).	,,	1	
252	1C/6352	SCREW CUTTING Dies R. H. 3/8″×24 T. P. I. (fine thread).	,,	1	
253	1C/6353	SCREW CUTTING Dies R.H. 7/16″×20 T. P. I. (fine thread).	,,	1	
254	1C/6354	SCREW CUTTING Dies R.H. 1/2″×20 T. P. I. (fine thread).	,,	1	
255	1C/6358	SCREW CUTTING Dies R.H. 1/4″×20 T. P. I. (fine thraed).	,,	1	
256	1C/6359	SCREW UTTING Dies R. H. 5/16″×18 T. P. I. (fine thread).	,,	1	
257	1C/6360	SCREW CUTTING Dies R.H. 3/8″×16 T. P. I. (fine thread).	,,	1	
258	1C/6361	SCREW CUTTING Dies R.H. 7/16″×14 T. P. I. (fine thread).	,,	1	
259	1C/6362	SCREW CUTTING Dies R. H. 1/2″ T. P. I.	,,	1	
260	1C/5337	TOOLS, TABULAR RIVETS, Plates gauge tapping B. A. thread sets 0 to 10.	,,	1	
261	1C/5338	TOOLS, TABULAR RIVETS Screwdrivers.	,,	1	
262	1C/5870	TOOLS, TABULAR RIVETS, Sleeves.	,,	1	
263	1C/6060	TOOLS, TABULAR RIVETS, Screw cutting stock 13/16″.	,,	1	
264	1C/6061	TOOLS, TABULAR RIVETS. Screw cuttng stock 15/16″.	,,	1	
		TAPS BOTTOMING FOR BRITISH A/C & EQUIPMENT			
265	1C/3299	TOOLS, TABULAR RIVETS, Screw cutting Taps Bottoming B. A. thread R. H. No. 0.	,,	1	
266	1C/3301	TOOLS, TABULAR RIVETS, Screw cutting Taps Bottoming B. A. thread R. H. No. 2.	,,	1	
267	1C/3303	TOOLS, TABULAR RIVETS, Screw cutting Taps Bottoming B. A. Thread R. H. No. 4.	,,	1	

1	2	3	4	5	6
268	1C/3305	TOOLS, TABULAR RIVETS, Screw cutting Taps Bottoming BA thread R. H. No. 6.	Ea	1	
269	1C/3307	TOOLS, TABULAR RIVETS, Screw cutting Taps Bottoming BA thread R.H. No. 8.	,,	1	
270	1C/3309	TOOLS, TABULAR RIVETS, Screw cutting Taps Bottoming BA thread R.H. No. 10.	,,	1	
271	1C/3350	TOOLS, TABULAR RIVETS, Screw cutting Taps Bottoming BSF thread R.H. 1/4″	,,	1	
272	1C/3355	TOOLS, TABULAR RIVETS, Screw cutting Taps Bottoming BSF thread R.H. 5/16″.	,,	1	
273	1C/3357	TOOLS, TABULAR RIVETS, Screw cutting Taps Bottoming BSF thread R.H. 3/8″.	,,	1	
274	1C/3359	TOOLS, TABULAR RIVETS Screw cutting Taps Bottoming BSF thread R.H. 7/16″.	,,	1	
275	1C/3362	TOOLS, TABULAR RIVETS, Screw cutting Taps Bottoming BSF thread R.H. 1/2″.	,,	1	
276	1C/3351	TOOLS, TABULAR RIVETS, Screw cutting Taps second BSF thread R.H. 1/4″.	,,	1	
277	1C/3356	TOOLS, TABULAR RIVETS, Screw cutting Taps second BSF thread R. H. 5/16″.	,,	1	
278	1C/3358	TOOLS, TABULAR RIVETS, Screw cutting Taps second BSF thread R. H. 3/8″.	,,	1	
279	1C/3360	TOOLS, TABULAR RIVETS, Screw cutting Taps second BSF thread R.H. 7/16″.	,,	1	
280	1C/3363	TOOLS, TABULAR RIVETS, Screw cutting Taps second BSF thread R. H. 1/2″.	,,	1	
281	1C/3321	TOOLS, TABULAR RIVETS, Screw cutting Taps Taper BA thread R. H. No. 0.	,,	1	
282	1C/3323	TOOLS, TABULAR RIVETS, Screw cutting Taps Taper BA thread R. H. No. 2.	,,	1	
283	1C/3325	TOOLS, TABULAR RIVETS, Screw cutting Taps Taper BA thread R. H. No. 4.	,,	1	
284	1C/3327	TOOLS, TABULAR RIVETS, Screw cutting Taps Taper BA thread R. H. No. 6.	,,	1	
285	1C/3329	TOOLS, TABULAR RIVETS, Screw cutting Taps Taper BA thread R. H. No. 8.	,,	1	
286	1C/3331	TOOLS, TABULAR RIVETS, Screw cutting Taps Taper BA thread R. H. Ro. 10.	,,	1	
287	1C/2474	TOOLS, TABULAR RIVETS, Screw cutting Taps BSF thread R. H. 1/4″.	,,	1	
288	1C/2475	TOOLS, TABULAR RIVETS, Screw cutting Taps BSF thread R. H. 5/16″.	,,	1	
289	1C/2476	TOOLS, TABULAR RIVETS, Screw cutting Taps BSF thread R. H. 3/8″.	,,	1	
290	1C/3361	TOOLS, TABULAR RIVETS, Screw cutting Taps BSF thread R. H. 7/16″	,,	1	
291	1C/2477	TOOLS, TABULAR RIVETS, Screw cutting Taps BSF thread R. H. 1/2″.	,,	1	

1	2	3	4	5	6
		TAPS BOTTOMING FOR AMERICAN MANUFACTURED A/C & EQUIPMENT			
292	1C/6371	TAPS BOTTOMING R. H. (F.T.H.) 1/4″×28 T.P.I.	EA	1	
293	1C/6372	TAPS BOTTOMING R. H. (F. T. H.) 5/16″×24.	,,	1	
294	1C/6373	TAPS BOTTOMING R. H. (F. T. H.) 3/8″×24.	,,	1	
295	1C/6374	TAPS BOTTOMING R. H. (F. T. H.) 7/16″×20.	,,	1	
296	1C/6375	TAPS BOTTOMING R. H. (F.T.H.) 1/2″×20.	,,	1	
297	1C/6379	TAPS BOTTOMING R. H. (C. T. H.) 1/4″×20.	,,	1	
298	1C/6380	TAPS BOTTOMING R. H. (C. T. H.) 5/16″×18.	,,	1	
299	1C/6381	TAPS BOTTOMING R. H. (C. T. H.) 3/18″×16.	,,	1	
300	1C/6382	TAPS BOTTOMING R. H. (C. T. H.) 7/16″×14.	,,	1	
301	1C/6383	TAPS BOTTOMING R. H. (C. T. H.) 1/2″×13.	,,	1	
302	1C/6063	TOOLS, WRENCHES, Tap	,,	1	
303	1C/6064	,, ,, Tap	,,	1	
304	1C/5862	,, Sleeves fixing type 'A'	,,	1	
305	1C/5863	,, ,, ,, ,, 'B'	,,	1	
306	1C/1862	,, Web Equipment repair Punches	,,	1	
307	1C/2593	TRAMMELS, Truing 4″	Prs.	1	
308	1C/3545	TWEEZERS, Watchmakers	EA	1	
309	1C/2609	VICES, Fitters, 4½″ Jaws	,,	1	
310	1C/2616	,, Hand 16 oz.	,,	1	
311	1C/2621	,, Pin.	,,	1	
312	1H/89 or 1H/26	IRONS, Soldering, Electric, 24 Volts. IRONS, Soldering, Electric, 12 Volts.	,,	1	
313	1H/43	PLIERS, ingnition terminal	Pr.	1	
314	3A/747 or 3A/749 or 3A/883	MACHINES, Drilling electric 110 Volts type D. MACHINES Drilling electric 200-220 Volts type E. MACHINES Drilling electric 230-250 Volts type H.	,,	1	
315	3A/1028 or 3A/951 or 3A/952	MACHINES, Drilling electric 110 Volts, type N. MACHINES, Drilling electric 200-230 Volts type L. MACHINES, Drilling electric 230-250 Volts type M.	,,	1	
316	4A/1718	LEVERS, tyre sets	,,	1	
317	4G/3743	PUMPS, tyre inflating, Foot operated type 'B'.	,,	2	
318	4G/3777	PUMPS, tyre inflating, Accessories type 'E'.	EA	2	
319	5X/1564	SPANNERS, Strap, Adjustable	,,	2	
320	29G/2140	PADLOCKS, IRON 1 inch	,,	1	
321	29G/2067	,, ,, 2 inches special	,,	1	

I. A. P. 1503-A Scale A-9

(Old A. P. 830 Vol. III Part 'A' Scale A-9)

INSTRUMENT SECTION LOCK-UP

Contents of Tool Kit

SCALE OF TOOL KIT FOR INSTRUMENT SECTION LOCK-UP

[This Scale Supersedes the scale of Tool Kit laid down in IAP 1503-A, Scale A-6, Part 10.]

CONTENTS

TITLE PAGE

CONTENTS

AMENDMENTS CERTIFICATE

PREFACE

SCALE OF EQUIPMENT

22—6 I.A.F./65

AMENDMENTS CERTIFICATE

The amendments promulgated in undermentioned list have been incorporated in this publication.

Amendment List		Amendment made by	Date	Signature
No.	Date			

PREFACE

This scale lays down the scale of Tools to be held in Flight and Section Lock-ups of Instrument Sections.

2. The scale is comprehensive and it may be found that certain items are not used by a particular flight or section. In such cases the items are not to be demanded simply because they appear in the scale and if they are held they are to be returned to the appropriate Equipment Depot.

3. Issues in excess of quantities allowed by these scales or of additional items are not to be made without the prior approval of Air Headquarters.

4. This scale will be kept up-to-date by means of periodical amendments lists.

5. The amendment certificate will be annotated when amendments have been inserted.

6. Any suggestions for amendments to this scale should be forwarded to Directorate of Technical Services (T. S. 8) Air Headquarters, New Delhi, through proper channels.

7. Hand Tools & Equipment listed in this scale are common user items of Equipment. The specialist tools and Epuipment for servicing of various types of A/C are scaled in the appropriate A/C scales which may be consulted. A list of scales approved by Government is given on page 2.

Scales of Tools and Equipment for Various Types of Aircraft approved by the Government

Sl. No.	A/C type	Authority
1	2	3
1	AN/12 A/C	Air HQ/35133/4/E-21.
2	Auster Mk. VI Auster MK. IX	A. P. 2440 Vol. III Part 3.- Air HQ/27170/Tech/2291/SO1/D (Air-1) dated 14th June 1958.
3	Canberra MK. 1B-8 Canberra MK. T. 4 Canberra MK. P. R. 7.	Air HQ/35105/4/E21/1627/D (Air-Projects)/60-Min. of Fin. U. O. No. 5718/ST/AF of 1960.
4	Dakota MK. III Dakota MK. IV	A. P. 2445 Vol. III Part 3, Air HQ/27170/Tech/2291/SO1/D (Air-1) dated 14-6-58.
5	Devon C MK. I.	A. P. 4260, Vol. III, Part 3-Air HQ/27170/Tech/2291/SO1/D (Air-1) dated 14-6-58.
6	Gnat MK. I.	Air HQ/35110/4/E-21/1775/D (Air -Proj.) of 1960—superseded by new scale.
7	Harvard II B. Harvard T6. G.	A. P. 1691 Vol. III Part 3- Air HQ/32130/Tech/2291/SO1/D (Air-1) dated 14-6-58.
8	Helicopter S. 55	Air HQ/35113/4/E-21-M of D. U.O. No. 6291/D (Air-1) dated 13th July 1961 superseding the scale laid down in R. O. Pt. IV Sl. No. 208/56.
9	Helicopter Bell-47G-2	Air HQ/35140/37/E-21 superseding the scale given in R. O. Pt. IV S. No. 22/60.
10	H. T. 2	Air HQ/35119/4/E-21-Min. of Fin. U.O No. 2778/ST/AF dated 18th April 1961.
11	Hunter MK. F56	(a) Scale for 1st & 2nd line servicing—Air HQ/35118/4/E21/1516/D (Air-Proj.) of 1960. (b) Scale for 3rd & 4th line servicing Air GQ 35118/5/E21/1628-D (Air-Proj.) of 1960.
	Hunter T. 66	Air HQ/35115/4/E21—Min. of Fin. U.O. No. 2.
12	Illushin IL-14	
13	Liberator MK. VIII	Air HQ/35130/5/E21/4828-D (Air-1) dated 29th May 61. Min. of Fin. U.O. No. 3961/ST/AF, dated 1st April 1961.
14	Mystere MK. IVA	Air HQ/35128/4/E21/2602/D (Air-1) U. O. No. 2245/ST/AF dated 27th March 1961.
15	Otter	Air HQ/35120/4/E21/1309/D (Air-Proj.) of 1960.
16	Packet C. 1196	Air HQ/35135/4/E-21.

1	2	3
17	Prentice MK. I	A. P. 4254, Vol. III, Part 3. Air HQ/27170/Tech/2291/SO1/D (Air-1) dated 14th June 1958.
18	Toofani	Air HQ/35125/4/E-21—Min. of Def. U.O. No. 6990/D (Air-1) dated 1st August 1961 superseding scale given in R. O. Part IV S. No. 51/56.
19	Vampire MK. 52 Vampire MK. 55 Vampire N.F. 10.	Air HQ/29348/2/E14—APFS/Pub 2102/9/A6E dated 22nd February 1957 and 14th June 1957.
20	Viscount	Air HQ/35127/4/E-21 dated 12th December, 1959.

SCALE A—Instrument Section Lock-up

Sl. No.	Sec./ Ref. No.	Nomenclature	Denom.	Qty.	Remarks
1	2	3	4	5	6
1	1A/2676	Bags Tool General purpose	EA	1	
2	1A/3737	Blow pipes watchmakers	,,	1	
3	1A/3826	Boxes Tool Medium	,,	1	
4	1A/2710	Brushes lining crow	,,	1	
5	1A/291	Brushes Varnish 1″	,,	2	
6	1A/3829	Chisels chipping Light Diamond Point.	,,	2	
		DRILLS TWIST			
7	1A/749	Straight shank 1/8″.	,,	2	
8	1A/753	Straight shank 3/16″.	,,	1	
9	1A/757	Straight shank 1/4″	,,	1	
		Wire Gauge, Singles:—			
10	1A/3390	No. 12.	,,	1	
11	1A/3429	No. 26.	,,	2	
12	1A/3437	No. 34.	,,	2	
13	1A/3456	No. 43.	,,	2	
14	1A/3457	No. 44.	,,	2	
15	1A/3510	No. 50.	,,	2	
16	1A/3511	No. 51.	,,	2	
17	1A/3516	No. 54.	,,	2	
		FILES			
18	1/A909	Bastard Hand Safe edge, 8 in.	,,	1	
19	1A/921	,, Round 6 in.	,,	1	
20	1A/930	,, Square 6 in.	,,	1	
		GENEVA			
21	1A/986	Cylinder Notch No. 2 Cut.	,,	1	
22	1A/3853	Cylinder Notch No. 6 Cut.	,,	1	
23	1A/987	Dovetail No. 2 Cut.	,,	1	
24	1A/3854	Dovetail No. 6 Cut.	,,	1	
25	1A/2844	Knife No. 2 Cut.	,,	1	
26	1A/3855	Knife No. 6 Cut.	,,	1	
		FILES—GENEVA			
27	1A/989	Round No. 2 Cut.	,,	1	
28	1A/3845	Files Pivoting.	,,	1	
29	1A/3861	Files Equalling.	,,	1	
30	1B/4110	Gauge Feeler English 4 in.	,,	1	
31	1B/1255	Glasses Watchmakers covering.	,,	3	
32	1B/1340	Hammers Hide face No. 1.	,,	1	
		HANDLES FILE			
33	1B/1394	Large.	,,	2	
34	1B/1396	Small.	,,	3	

1	2	3	4	5	6
		IRONS SOLDERING			
35	1B/1484	Common 8 oz.	EA	1	
36	1B/4133 or 1B/4234 or 1B/4233	Electric light 110—120 Volts.	,,	1	
		Electric light 230—250 Volts.			
		Electric light 200—220 Volts.			
37	1B/4496 or 1H/89	Electric Extra light 24 volts 60 watts.	,,	1	
		Electric 24 volts.			
38	1B/2912	Jars essence.	,,	2	
39	1B/1514	Lamps brazing 1 Pint.	,,	1	
40	1B/4487	Mirrors Inspection magnifying with universal joint.	,,	1	
41	1B/4406	Nippers diagonal cutting 5 in.	Prs.	1	
42	1B/1647	Oil Stoves General Purpose fine.	EA	1	
		PLIERS			
43	1B/4242	Cutting 5½″.	,,	1	
44	1B/1798	Round Nose 6″.	,,	1	
45	1B/4567	Circlip external.	,,	1	
46	1B/4571	Pliers circlip enternal	Prs.	1	
47	1B/2125	Rules Steel 12 in.	EA	1	
48	1C/5582	Saws hack Fixed.	,,	1	
49	1C/2143	Blades, 12 in. 32 teeth per in.	,,	3	
50	1C/2154	Scissors Laborary.	Prs.	1	
51	1C/5321	Screw drivers Common 8 in.	EA	1	
52	1C/3190	Screw drivers Instruments sets, consisting of:—	,,	1	
		(1) 1C/5084 3/64″ Qty. 1			
		(2) 1C/5085 1/16″ Qty. 1			
		(3) 1C/5086 5/64″ Qty. 1			
		(4) 1C/5087 3/32″ Qty. 1			
53	1C/2229	Spanners box double ended 1/8″×3/16″ whit.	,,	1	
54	1C/2298	Squares Fitters grade A, 4 in.	,,	1	
55	1C/2407	Stocks drill hand.	,,	1	
56	1C/2615	Vice hand 8 oz.	,,	1	
57	1H/57	Gauges tension No. 1.	,,	1	
58	1H/58	Gauges tension No. 2.	,,	1	
59	1H/59	Gauges tension No. 3.	,,	1	
60	1J/187	Syringes instrument lubricating.	,,	1	
61	1J/17	Vice bench parallel cast	,,	1	
62	29/1277	Padklocks Iron 1½ in.	,,	2	

I. A. P. 1503-A Scale A-10

(Old A. P. 830 Vol. III Part 'A' Scale A-10)

SCALE OF TOOL KITS FOR SAFETY EQUIPMENT LOCK-UP

[This Scale supersedes the Scale of Safety Equipment Lock-up given in IAP 1503-A, Scale A-6, Part 6.]

MEMORANDUM OF INSTRUCTIONS

1. The scale contained in this publication detail the contents of the tool kit to be held in Safety Equipment Lock-up in Indian Air Force and constitute the authority for demanding and holding the items scheduled therein.

2. The scale is comprehensive and it may be found that certain items are not used by a particular flight or section. In such cases the items are not to be demanded simply because they appear in the scale and if they are held they are to be returned to the appropriate Equipment Depot.

3. Issues in excess of quantities allowed by these scales or of additional items, are not to be made without the prior approval of Air Headquarters.

4. The general principles laid down in 1503A are to be followed in all cases when dealing with tool kits.

5. In cases where amendments to any scale in this publication are considered necessary, suggestions are to be forwarded to Air Headquarters (TS8) through the usual channels.

6. The specialist tools and equipments for servicing of components of various types of air craft are scaled in the appropriate aircraft scales which may be consulted. A list of such scales approved by the Government of India is given on the next page.

7. This publication is to be kept up-to-date by means of periodical amendments which are to be inserted as directed.

8. This issue supersedes the scale IAP 1503A Scale A-6 Part 6.

Scales of Tools and Equipment for Various Types of Aircraft approved by the Government

Sl. No.	A/C Type	Authority
1	AN/12	Air HQ/35133/4/E-21.
2	Canberra MK. 1B-8 Canberra MK. T. 4 Canberra MK. P.R. 7	Air HQ/35105/4/E21/1627/D (AIR-/Projects)/60 M of F. U.O. No. 5718/ST/AF of 1960.
3	Gnat MK. 1	Air HQ /35110/4/E-21/1775/D (AIR-Project) of 1960—Superseded by new scale approved vide Min. of Def. U. O. No. 2267/D(Air- Project) dated 7-10-61.
4	Hunter MK F. 56	(a) Scale for 1 & 2 line servicing—Air HQ/35113/4/E21/1516/D (Air-Proj) of 1960. (b) Scale for 3 & 4 line servicing—Air HQ/35118/5/E-21/1628-D (Air-Proj) of 1960.
5	Hunter T. 66	Air HQ/35115/4/E-21 M. of F. U. O. No. 5051-ST/AF of 1960.
6	Illyushin 1L-14	
7	Mystere MK. IVA	Air HQ/35128/4/E21/2802/D (Air-1) U. O. No. 2245/ST/AF dated 27-3-61.
8	Toofani	Air HQ/35125/4/E21 M. of D. U. O. No. 6990/D (Air-1) dated 1-8-61 superseding scale given in R. O. Part IV S. No. 51/56.

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23—6 I.A.F./65

AMENDMENTS CERTIFICATE

The amendments promulgated in undermentioned lists have been incorporated in this publication.

Amendment List		Amendment made by	Date	Signature
No.	Date			

Safety Equipment Lock-Up

Sl. No.	Section	Ref. No.	Nomenclature	Denom.	Qty.	Remarks
1	2	3	4	5	6	7
1	1A	2676	BAGS—Tool—general purpose	EA	1	
2	1A	3864	BARS tommy 3½ in. × 3/16 in.	,,	3	
3	1A	3826	BOXES tool—standard-medium	,,	1	
4	1A	3945	BRUSHES—round hard	,,	1	
5	1A	287	BRUSHES—stencil	,,	2	
6	1A	291	BRUSHES—varnish, 1 in.	,,	2	
7	1A	295	BRUSHES—varnish, 4 in.	,,	2	
8	1A	266	Writing Crow	,,	1	
9	1A	3715	CANS—lubricating oil—small	,,	1	
10	1A	908	FILES—hand safe edge 6 in.	,,	2	
11	1B	1327	HAMMERS, Fitters ball pane, 8 oz.	,,	1	
12	1B	1340	HAMMERS, Hide faced, No . 1	,,	1	
13	1B	1396	Handles—file small	,,	2	
14	1B	4176	Needles parachute harness	No.	3	
15	1B/NIV	922	Needles Harness hand stitching	,,	3	
16	1B	1614	Needles sewing No. 2	,,	2	
17	1B	1615	Needles sewing No. 3	,,	2	
18	1B	1616	Needles sewing No. 4	,,	1	
19	1B	1617	Needles sewing No. 5	,,	1	
20	1B	1618	Needles sewing No. 6	,,	2	
21	1B	1619	Needles sewing No. 7	,,	2	
22	1B	1620	Needles sewing No. 8	,,	2	
23	1B	1704	PALMS, sewing, sailmakers'	,,	1	
24	1B	1759	PLATE, stencil zinc 1½ in.	Set	1	
25	1B	1766	PLATE, stencil letters 1½ in.	,,	1	
26	1B	1805	PLIERS, side cutting plain handle 6 in.	Pairs	3	
27	1B	1884	PUNCHES, eyelet closing 3/8 in.	EA	1	
28	1B	1821	PUNCHES, centre	,,	1	
29	1B	1879	WAD 3/8 in.	,,	1	
30	1B	2991	WAD 9/16 in.	,,	1	
31	1B	4429	Rollers, Rubber-sheet	,,	1	For use on Dinghies.
32	1B	2125	Rules, Steel 12 in.	,,	2	
33	1C	3188	Scissors, round end	Pairs	2	For Dinghy Repair Sec. at No. 3 E.D. only.
34	1C	2163	Screwdrivers common 6 in.	EA	3	
35	1C	2175	Screwdriver Ratchet	,,	3	
36	1C	2177	Screwdrivers—watchmakers 3/16 in. × 6 in.	,,	2	
37	1C	2220	Spanners—adjustable 4 in.	,,	2	
38	1C	2222	Spanners—adjustable 6 in.	,,	1	
39	1C	5383	Spanner-Box, Single ended—2 B.A.	,,	1	
40	1C	5027	Spanner-Box, double ended, 1/4 in. × 5/16 in. whit.	,,	2	For use on Dinghies.
41	1C	5028	Spanner-Box, double ended, 3/8 in. × 7/16 in. whit.	,,	2	
42	1C	5531	Spanner-Box, double ended, 11/16 in. × 13/16 in. whit.	,,	2	

1	2	3	4	5	6	7
43	1C	5438	Spanner—Folding special 3/8 in. whit.	EA	1	
44	1C	5913	Spanner—Folding special 3/32 in. whit.	,,	2	
45	1C	5632	Spanner—Folding special 5/32 in. thick.	,,	2	
46	1C	2590	Themble	,,	2	
47	1C	5007	Tools—tailoring and repair, flying helmet-dies Button.	,,	1	
48	1C	5008	Tools—tailoring and repair, flying helmet-dies, Spigot.	,,	1	
49	1C	5509	Tools—Punches-Fasteners, Snap	,,	1	
50	1C	2607	Vices, fitters' 3¼ in. Jaws	,,	1	
50A	1C	NIV	Tape measuring 60′	,,	5	For Dinghy Repair Section at No. 3 E. D. only.
51	4A	1666	Blowers, air			
52	4A	1866	Adapters, hose	,,	1	
53	4D	717	Scales—counter vibrating-Type 'A'	,,	1	For sections handling CO_2 cylinder up to and including MK. II capacity.
54	4D	2070	Scales—counter vibrating-Type 'B'	,,	1	For sections handing CO_2 cylinder upto and including MK. III capacity.
55	4G	2147	Lifters, valve	,,	6	
56	4G	1310	Pumps—deflation	,,	2	When Ref. No. 4A/1666 is not issued.
57	4G	2143	Adapters	,,	1	
58	4K	1550	Carts hand-Type B	,,	1	
58A	5A	2888	Heater Electrical Air 12″ × 12″	,,	6	For Wings Nos. 1, 10, 11, 14, 17, 18, 19, 20 & 23 with electrical facilities.
	or 21C	3001	Stove heating oil	,,	6	For Wings Nos. 1, 10, 11, 14. 17, 18, 19, 20, & 23 having no electrical facilities.
	or 21C	846	Stove Valor	,,	6	
Apparatus refilling carbon dioxide cylinders consisting of:—						
59	6D	95	Caps Filling	,,	2	
60	6D	91	Cylinders, gas carbon dioxide storage.	,,	2	
61	6D	96 or 1387	Discs, bushing	,,	As reqd.	
62	6D	97	Hose, flexible	Set	1	
63	6D	98	Keys, valve—filling cap spindle	EA	1	
64	6D	103	Storage cylinder	,,	1	
65	6D	99	Spindles, filling cap	,,	1	
66	6D	583	Adapters	,,	1	
67	6D	147 or 71A/25	Cylinders gas carbon dioxide MK. IX 60 lbs. capacity.	,,	2	

1	2	3	4	5	6	7
68	6D	163	Spanners 'C' for Head operating carbon dioxide gas cylinder Type F.	EA	2	
69	6D	640	Spanners 'C' for Head operating carbon dioxide gas cylinder Type H.	,,	1	
70	15A	109	Parachute spares—tool packing-Bag shot.	,,	6	Qty. 6 per packing takle.
71	15A	112	Hooks, rigging line	,,	2	Qty. 2 per packing takle.
72	15A	95 or 478	Line rigging auxiliary parachute	Yds.	10	Qty. 10 yds. per packing takle.
73	15A	113	Pins Locking	EA	1	Qty. 1 per packing takle.
74	15A	114	Sticks	,,	2	Qty. 2 per packing takle.
74A	21C	610	Tub Washing for Bath ablation 21 gallons capacity.	,,	2	For Wings Nos. 1, 10, 11, 14, 17, 18, 19, 20 & 23.
75	21C	2248	Scales, weighing chemicals	,,	1	
76	21C	621	Weights brass 1/4 oz.	,,	1	
77	21C	620	Weights brass 1/2 oz.	,,	1	
78	21C	619	Weights brass 1 oz.	,,	1	
79	21C	618	Weights brass 2 oz.	,,	1	
80	21C	617	Weights brass 4 oz.	,,	1	
81	21C	616	Weights brass 8 oz.	,,	1	
82	21C	1340	Weights brass 1 lb.	,,	1	
83	21C	1341	Weights brass 2 lb.	,,	1	
84	21C	1342	Weights brass 4 lb.	,,	1	
85	21C	2253	Weights gramme 1	,,	1	
86	6D	2252	Weights 2 grammes	,,	2	
87	6D	2251	Weights 5 grammes	,,	1	
88	6D	2250	Weights 10 grammes	,,	2	
89	6D	2249	Weights 20 grammes	,,	2	
90	6D	633	Weights Iron ring 1/4 lb.	,,	1	
91	6D	632	Weights Iron ring 1/2 lb.	,,	1	
92	6D	631	Weights Iron ring 1 lb.	,,	1	
93	6D	630	Weights Iron ring 2 lb.	,,	1	
94	6D	629	Weights Iron ring 4 lb.	,,	1	
95	6D	628	Weights Iron ring 7 lb.	,,	1	
96	6D	627	Weights Iron ring 14 lb.	,,	1	
97	27C	1926	Manometers	,,	2	
98	27C	2046	Spetulas, bone	,,	2	
98A	27C	NIV	Special Adapter for American Raft	,,	6	For Dinghy Repair Section at No. 3 E.D. only.
99	29	1277	Padlock, iron 1½″	,,	1	
99A	33C	1129 or 1127	Detergent emulsion	As required		For washing and cleaning purposes for Wings Nos. 1, 10, 11, 14, 17, 18, 19, 20 & 23.
99B	33F	367	Disinfectional streph Dettol I-ZAL	As required		
100	101C	1447	Screwdrivers—Cross point-truncated 3 in. blade.	EA	2	To be issued to units using American Aircraft.
101	101C	1449	Screwdrivers—Cross point-truncated 6 in. blade.	,,	2	

1	2	3	4	5	6	7
102	1C	1862	Punch Spring C/W	EA	1	For R & MD only.
	1C	1863	Cutter size 3/32″ Qty. 1			
	1C	1864	Cutter size 1/8″ Qty. 1			
	1C	1865	Cutter size 5/32″ Qty. 1			
	1C	1866	Cutter size 3/16″ Qty. 1			
	1C	1867	Cutter size 7/32″ Qty. 1			
	1C	1868	Cutter size 1/4″ Qty. 1			
	1C	1869	Cutter size 9/32″ Qty. 1			
103	1B	1777	Pliers eyelet closing 8″ (Box joint, spring return fitted with Ref. 5205 dies eyelet large).	Pairs	1	

I.A.P. 1503-A Scale A-11

(Old A.P. 830 Vol. III Part 'A' Scale A-11)

SCALE OF TOOL KITS FOR WORKSHOP LOCK-UP

NOTE.—This Scale supersedes the Scale of Tool Kit for Workshop lock up laid down in I.A.P. 1503-A, Scale A-6 Part 2. Promulgated for information, guidance and necessary action.

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TITLE PAGE

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AMENDMENTS CERTIFICATE

PREFACE

SCALE OF EQUIPMENT

AMENDMENTS CERTIFICATE

The amendments promulgated in undermentioned list have been incorporated in this publication.

Amendment List		Amendment made by	Date	Signature
No.	Date			
3	22 6 68	26 2 73		

PREFACE

This scale lays down the Scale of Tool Kits for Workshop Lock up.

2. This scale is comprehensive and it may be found that certain items are not used by a particular flight or section. In such cases, items are not to be demanded simply because the same appear in the Scale and if held are to be returned to the appropriate Equipment Depots.

3. This scale is the authority for demanding the equipment detailed therein and the quantities sealed are not to be exceeded without prior concurrence of the appropriate authority.

4. The general principle laid down in I.A.P. 1501 to be followed in all cases when dealing with Tool Kits.

5. This scale will be kept up-to-date by means of periodical amendment lists.

6. The amendment certificate will be annotated when amendments have been inserted.

7. Any suggestion for amendments to this scale should be forwarded to Directorate of Technical Services (T.S. 8), Air Headquarters, New Delhi, through proper channel.

Tool Kits Workshop Lock-Up

Sl. No.	Sec. No.	Ref. No.	Nomenclature	Denom.	Qty. reqd.	Remarks
1	2	3	4	5	6	7
1	1A	3700	AXES, Hand	EA	1	
2	1A	3909	BARS, BENDING, Sets	Set	1	
3	1A	31	,, ,, ,, Tomy 6″ × 5/18″	EA	1	
4	1A	36	,, ,, ,, ,, 18″	,,	1	
5	1A	51	BITS, CARPENTERS, Expansion, Large.	,,	1	
6	1A	3725	BLOCKS, Scribing, 12″ .	,,	1	
7	1A	85	BOBS, Plumb, 8 oz.	,,	4	
8	1A	3716	BOXES, Tool, Standard Large	,,	2	
9	1A	176	BRACES, Smiths	,,	1	
10	1A	242	BRUSHES, Flat, Squirrel 1 inch.	,,	2	
11	1A	246	,, ,, ,, 3 ,,	,,	2	
12	1A	287	,, ,, ,, stencil	,,	1	
13	1A	291	,, Varnish 1 inch.	,,	2	
14	1A	292	,, ,, 2 ,,	,,	2	
15	1A	295	,, ,, 4 ,,	,,	3	
16	1A	3878	,, Wire, surface cleaning small	,,	2	
17	1A	266	,, Writing, crow	,,	1	
18	1A	315	CALIPERS, common Inside 4″	,,	1	
19	1A	330	,, ,, ,, 8″	,,	1	
20	1A	316	,, ,, Outside 4″	,,	1	
21	1A	331	,, ,, ,, 8″	,,	1	
22	1A	2721	,, Micrometer Grade A, External 0″-1″.	,,	1	
23	1A	2722	,, ,, ,, External 1″-2″	,,	1	
24	1A	2723	,, ,, Grade A External 2″-3″.	,,	1	
25	1A	3756	,, ,, Grade A Standard 1″.	,,	1	
26	1A	3757	,, ,, Grade A Standard 2″.	,,	1	
27	1A	2733	,, ,, ,, Internal 2″-12″	,,	1	
28	1A	2736	,, Vernier, 9 inches	,,	1	
29	1A	340	CANS, Dope	,,	2	
30	1A	345	CANS, Lubricating oil, large	,,	2	
31	1A	348	CANE Paint	,,	2	
32	1A	3910	CHARTS, thread	,,	1	
33	1A	440	CHISELS, Chipping, Cold, 6″ × 1/2″	,,	2	
34	1A	409	,, ,, ,, 8″ × 3/4″	,,	1	
35	1A	2741	,, ,, ,, Croesscut	,,	1	
36	1A	415	,, ,, Engraving	,,	1	
37	1A	2740	,, ,, Light, sets	Set	1	
38	1A	434	,, ,, Round nose	EA	1	
39	1A	391	,, Firmer 1″	,,	1	
40	1A	384	,, ,, 1/8″	,,	1	
41	1A	417	,, Mortice 1/4″	,,	1	
42	1A	418	,, ,, 3/8″	,,	1	
43	1A	419	,, ,, 1/2″	,,	1	
44	1A	420	,, ,, 5/8″	,,	1	
45	1A	421	,, ,, 3/4″	,,	1	
45	1A	437	,, Smiths, wood handles cold	,,	1	
47	1A	438	,, ,, ,, ,, Hot	,,	1	
48	1A	2751	CLAMPS, Tool Maker's 31/2″	,,	1	
49	1A	3587	CLEANERS, Contact	,,	1	

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1	2	3	4	5	6	7
50	1A	472	COMBINATION SETS	Set	1	
51	1A	488	CRAMPS, Carpenters, 8″	EA	4	
52	1A	537	CUTTERS, Anvil, flat	,,	1	
53	1A	621	DIVIDERS, Spring, 6″	Prs.	2	
54	1A	3385	DRESSERS, emery, wheel, spur cutters.	EA	1	
55	1A	745	DRILLS, Twist, Straight shank 1/6″	,,	6	
56	1A	746	,, ,, ,, ,, 5/64″	,,	6	
57	1A	747	,, ,, ,, ,, 3/32″	,,	6	
58	1A	748	,, ,, ,, ,, 7/64″	,,	6	
59	1A	749	,, ,, ,, ,, 1/8″	,,	4	
60	1A	751	,, ,, ,, ,, 5/32″	,,	4	
61	1A	753	,, ,, ,, ,, 3/16″	,,	4	
62	1A	755	,, ,, ,, ,, 7/32″	,,	4	
63	1A	757	,, ,, ,, ,, 1/4″	,,	3	
64	1A	759	,, ,, ,, ,, 9/32″	,,	3	
65	1A	761	,, ,, ,, ,, 5/16″	,,	3	
66	1A	763	,, ,, ,, ,, 11/32″	,,	2	
67	1A	765	,, ,, ,, ,, 3/8″	,,	2	
68	1A	680	,, ,, Wire gauge sets	Set	1	
69	1A	3429	,, ,, Singles No. 26	EA	2	
70	1A	3437	,, ,, ,, ,, 34	,,	2	
71	1A	3750	EXTRACTORS, Screw, Sets	Set	1	
72	1A	901	FILES, BASTARD, Halfround 6″	EA	2	
73	1A	903	,, ,, ,, ,, 10″	,,	2	
74	1A	907	,, ,, Half safe edge 4″	,,	2	
75	1A	908	,, ,, ,, ,, ,, 6″	,,	2	
76	1A	909	,, ,, ,, ,, ,, 8″	,,	2	
77	1A	910	,, ,, ,, ,, ,, 10″	,,	2	
78	1A	915	,, ,, Knife, 6″	,,	1	
79	1A	919	,, ,, Round 4″	,,	1	
80	1A	921	,, ,, ,, 6″	,,	1	
81	1A	923	,, ,, ,, 8″	,,	1	
82	1A	929	,, ,, Square 4″	,,	1	
83	1A	930	,, ,, ,, 6″	,,	1	
84	1A	931	,, ,, ,, 8″	,,	1	
85	1A	937	,, ,, Three Square 4″	,,	1	
86	1A	939	,, ,, ,, ,, 6″	,,	1	
87	1A	951	,, Warding cut both sides 4″	,,	3	
88	1A	1001	,, Dreadnought, 12″	,,	1	
89	1A	3861	,, Equalling	,,	2	
90	1A	2845	,, Gulleting, round	,,	1	
91	1A	1058	,, Second cut, Handsafe edge 6″	,,	4	
92	1A	1061	,, ,, ,, ,, ,, 10″	,,	2	
93	1A	1117	FILES, Smooth, Half Round 0″	,,	1	
94	1A	1118	,, ,, ,, ,, 8″	,,	1	
95	1A	1130	,, ,, Knife 4″	,,	1	
96	1A	1138	,, ,, Round 4″	,,	1	
97	1A	1140	,, ,, ,, 6″	,,	1	
98	1A	1142	,, ,, ,, 8″	,,	1	
99	1A	1149	,, ,, Square 6″	,,	1	
100	1A	1151	,, ,, ,, 10″	,,	1	
101	1A	1155	,, ,, Three Square 4″	,,	1	
102	1A	1157	,, ,, ,, ,, 6″	,,	1	
103	1A	1169	FLATTERS, Smiths	,,	1	
104	1A	2860	FULLERS, Smiths, Bottom 1/2″	,,	1	
105	1A	2865	,, ,, Top 1/2″	,,	1	
106	1A	3909	Bars Bending	Set	2	For Units Stations conducting C.T.T.B. and L.T.T.B. Examination.
107	1A	3690	Blocks, Scribbing 9′	EA	2	
108	1A	3725	,, ,, 12″	,,	1	
109	1A	65	,, ,, 1′	Pair	1	
110	1A	70	,, ,, 2″	,,	2	
111	1A	324	Calipers Inside firm joint 6″	EA	1	
112	1A	327	,, Jenny firm joint 6″	,,	1	
113	1A	472	Set combination	Set	1	
114	1A	621	Divider spring	Pair	4	

1	2	3	4	5	6	7
115	1A	2721	Micrometers outside 0—1″	EA	1	For Units & Stations conducting C.T.T.B. and L.T.T.B. Examination.
116	1A	3834	Cases	,,	1	
117	1A	3888	Micrometer External 0—1″ Grade B	,,	2	
118	1A	3834	Cases	,,	2	
119	1A	3889	Micrometer External 1—2″ Grd. B	,,	2	
120	1A	3835	Cases	,,	2	
121	1A	3890	Micrometer External 2—3″ Grd. B	,,	2	
122	1A	3836	Cases	,,	2	
123	1A	202	BRUSHES, Mop, Camel hair	,,	3	
124	1A	242	,, Locquer Squirod	,,	3	
125	1A	266	BRUSHES, writing crow	,,	3	
126	1A	268	,, Goose brown hair small	,,	15	
127	1A	271	,, ,, Red sable	,,	17	
128	1A	287	,, Stencil	,,	27	
129	1A	291	,, Enamel or Varnish Flatt 1″	,,	30	
130	1A	292	,, ,, ,, ,, 2″	,,	24	
131	1A	295	,, ,, ,, ,, 4″	,,	27	
132	1A	2698	,, Hag hair fine flat No. 6	,,	12	
133	1A	2704	,, Lining Fitchs 1/4″	,,	18	
134	1A	2705	,, ,, ,, 1/2″	,,	15	
135	1A	2706	,, ,, ,, 3/4″	,,	24	
136	1A	2707	,, ,, ,, 1″	,,	15	
137	1A	3878	,, Surface cleaning narrons	,,	6	
138	1B	4221	GAUGES, cylinder	,,	1	
139	1B	4110	,, Feller, English 4″	,,	1	
140	1B	1228 OR 4508	,, Screw Pitch whitworth ,, ,, for American threads.	,,	1	
141	1B	4282	,, Vernier depth, 6″ blade	,,	1	
142	1B	4212	,, Wire ,,	,,	1	
143	1B	4467	Gun, lubricating Aircraft, universal.	,,		R. O. Pt. IV SL. No. 150
144	1B	4469	,, Accessories, Nozzle assemblies Hydraulic, push on	,,		
145	1B	4463	Gun, Accessories, Nozzle assemblies spares Miniature tat hook on.	,,		
146	1B	4462	Gun, Accessories, Nozzle assemblies spares standard tat hook on	,,		
147	1B	4468	Gun, Accessories, Nozzle assemblies spares Tecayevk, push on.	,,		
148	1B	1258	GOUGES, Firmer 1/4″	,,	1	
149	1B	1259	,, ,, 3/8″	,,	1	
150	1B	1261	,, ,, 1/2″	,,	1	
151	1B	1262	,, ,, 5/8″	,,	1	
152	1B	1263	,, ,, 3/4″	,,	1	
153	1B	2887	GROVERS, Tinmen's 1/8″	,,	1	
154	1B	1305	,, ,, 3/16″	,,	1	
155	1B	2889	,, ,, 5/16″	,,	1	
156	1B	2890	,, ,, 3/8″	,,	1	
157	1B	1325	HAMMERS, Fitters, Ball pane 4 oz.	,,	1	
158	1B	1329	,, ,, ,, ,, 16 oz.	,,	1	
159	1B	1331	,, ,, ,, ,, 24 oz.	,,	1	
160	1B	1358	,, ,, Cross pane 4 oz	,,	1	
161	1B	1340	,, Hide faced No. 1.	,,	1	
162	1B	4185	,, Rubber 3·1/4″ × 17/8″	,,	2	
163	1B	1373	,, Sledge, straight pane 10 Lbs.	,,	1	
164	1B	1382	,, Tinmen's, Hallowing 1 lb	,,	1	
165	1B	1363	,, ,, Round 1 Square face.	,,	1	
166	1B	1394	HANDLES, File, Large	,,	3	
167	1B	1396	,, ,, Small	,,	6	

1	2	3	4	5	6	7
168	1B	4473	Handles, Hammers No. 1	EA.	2	R.O.Pt.IV No. 2/49.
169	1B	4474	,, ,, No. 2	,,	2	
170	1B	4475	,, ,, No. 5	,,	2	
171	1B	4476	,, ,, No. 6	,,	2	
172	1B	4477	,, ,, No. 7	,,	2	
173	1B	4478	,, ,, No. 8	,,	2	
174	1B	4479	,, ,, No. 9	,,	2	
175	1B	1430	HORSES, Tinmen .	,,	1	
176	1B	2905	HORSES, Tinmen's Heads Long 4 lbs.	,,	1	
177	1B	3561	,, ,, ,, Ovgl 1½″	,,	1	
178	1B	3563	,, ,, Round 3″	,,	1	
179	1B	2906	INDICATORS, Test, Dial	,,	1	
180	1B	1439	IRONS, Bick.	,,	1	
181	1B	1474	,, Creasing	,,	1	
182	1B	1486	IRONS, Soldering 1 lbs. 10 oz.	,,	1	
183	1B	1485	,, ,, 2 lb. 5 oz.	,,	1	
184	1B	4311 OR 4228 OR 4229	IRONS, Electric, Heavy 110-120 Volts ,, ,, ,, 200-220 Volts ,, ,, ,, 230-250 Volts.	,,	1	
185	1B	4280 OR	,, ,, Medium 110-120 volts	,,	1	
	1B	4229 OR	,, ,, ,, 200-220 volts			
	1B	4232	,, ,, ,, 230-250 volts			
186	1B	2913	LADLES, Melting 1 quart	,,	1	
187	1B	1514	LAMPS, Brazing, 1 pint	,,	1	
188	1B	4166	,, ,, 5 ,, type B	,,	1	
189	1B	2923	LEVELS, Spirit 10 inches.	,,	1	
190	1B	2925	MANDRELS, Tinnen's 3 ft.	,,	1	
191	1B	2928	MAULS, Pen, Shipwrights	,,	2	
192	1B	4255	MEASURES, Oil, 1 pint.	,,	1	
193	1B	4487	MIRROR INSPECTION, Magnifying for Inspection purposes with Universal joints.	,,	1	R.O. Pt. IV No. 1/49.
194	1B	1602	NEEDLES, Circular 1½″ circumference	,,	4	
195	1B	1604	,, ,, 2″ ,,	,,	2	
196	1B	2929	,, ,, 3″ ,,	,,	2	
197	1B	2930	,, ,, 4″ ,,	,,	2	
198	1B	2931	,, ,, 5″ ,,	,,	2	
199	1B	2935	,, Sailmakers 2″	,,	2	
200	1B	1627	,, ,, 2½″	,,	2	
201	1B	1629	,, ,, 2½″	,,	2	
202	1B	1631	,, ,, 2¾″	,,	2	
203	1B	1632	,, ,, 3″	,,	2	
204	1B	2936	,, ,, 4″	,,	2	
205	1B	1614	,, Sewing No. 2	,,	2	
206	1B	1615	,, ,, No. 3	,,	2	
207	1B	1616	,, ,, No. 4	,,	1	
208	1B	1617	,, ,, No. 5	,,	2	
209	1B	1618	,, ,, No. 6	,,	1	
210	1B	1619	NEEDLES, Sewing No. 7	,,	2	
211	1B	1620	,, ,, No. 8	,,	2	
212	1B	1634	,, Upholsterers 8″	,,	4	
213	1B	1636	,, ,, 10″	,,	4	
214	1B	1638	,, ,, 16″	,,	4	
215	1B	4408	NIPPERS, End Cutting, Toggle joint 8″	Pair	2	
216	1B	1647	OILSTONES, General purposes fine	EA	1	
217	1B	1702	,, Slip Turkey	,,	1	

1	2	3	4	5	6	7
218	1B	1719	PLANES, Block, Adjustable	EA.	1	
219	1B	1722	,, Circular	,,	1	
220	1B	1725	,, Plough	,,	1	
221	1B	1726	,, Rabbet, Bull nose	,,	1	
222	1B	1729	,, ,, Skew 1″	,,	1	
223	1B	4521	,, ,, Skew 1/2″	,,	1	
224	1B	1734	,, Trying	,,	1	
225	1B	1759	PLATES, Stencil, Zinc, Figures 1½″	Set	1	
226	1B	1766	,, ,, ,, Letters 1½″	,,	1	
227	1B	1769	,, Surface 12″ × 8″	EA.	1	
228	1B	4173	,, ,, 36″ × 24	,,	1	
229	1B	4242	PLIERS, Cutting 5½″	Pair	1	
230	1B	1783	,, Flat nowe, 6″	,,	2	
231	1B	1798	,, Round nose 6″	,,	2	
232	1B	4107	,, Sleeve fixing	,,	1	
233	1B	1812	POKERS, Smiths	,,	1	
234	1B	4043 OR	POTS, Glue, Electric 110 110 volts	,,	1	
	1B	4044 OR	,, ,, ,, 200-220 volts	,,	1	
	1B	4252	,, ,, ,, 230-250 volts		1	
235	1B	2981	PUNCHES, Smiths, Round 1/4″	,,	1	
236	1B	2982	,, ,, ,, 3/8″	,,	1	
237	1B	2983	,, ,, ,, 1/2″	,,	1	
238	1B	2989	,, ,, ,, Wad 1/4″	,,	1	
239	1B	1879	PUNCHES, smiths, Wad 3/8″	,,	1	
240	1B	2990	,, ,, ,, 1/2″	,,	1	
241	1B	3017	RAKES, Blacksmiths	,,	1	
242	1B	3049	RAEMERS, Hand Paralled, Standard 3/16″	,,	1	
243	1B	3050	,, ,, ,, Standard 7/32″	,,	1	
244	1B	3051	,, ,, ,, ,, 1/4″	,,	1	
245	1B	3052	,, ,, ,, ,, 9/36″	,,	1	
246	1B	3053	,, ,, ,, ,, 5/16″	,,	1	
247	1B	4051	,, ,, Taper, Bit stock ⅛″	,,	1	
248	1B	4052	,, ,, ,, ,, ,, 3/16″	,,	1	
249	1B	4053	,, ,, ,, ,, ,, 1/4″	Set	1	
250	1B	3160	,, ,, ,, Pin, sets	EA.	1	
251	1B	1990	REELS, Carpenters, line	,,	2	
252	1B	2124	RULES, Steel, 6″	,,	1	
253	1B	2125	,, ,, 12″	,,	2	For Units and Stations Conducting C.T. T. B. and L. T. T. B., Examination.
254	1B	1760	PLATES, Surface, Scrapped 12″×8″	,,	1	
255	1B	4173	,, ,, ,, 36″×24″	,,	1	
256	1B	1816	PROTECTOR Bevel Granation 360° by 10″ increment.			
257	1C	2133	SAWS, Bow, Carpenters 10″	,,	1	
258	1B	3375	,, ,, Blades	,,	3	
259	1B	2129	,, ,, Crosscut	,,	1	For flying boat Station only.
260	1B	5582	,, ,, Hack, Fixed	,,	4	
261	1B	5583	,, ,, ,, ,, Blades 12″ 18 t.p.i.	,,	30	
262	1B	2143	,, ,, ,, ,, Blades 12″ 32 t.p.i.	,,	30	
263	1B	2149	,, Half rip	,,	1	
264	1B	2154	SCISSORS, Laboratory	Pair	2	
265	1B	3189	SCRAPERS, Fitters, Flat	EA.	1	
266	1B	2157	,, ,, Half round	,,	1	
267	1C	2158	SCRAPERS, Fitters, Three Square	,,	1	
268	1C	5928	SCREWDRIVERS, Watchmakers, Attachments, screw positioner combination.	,,	1	
269	1C	6410	SCREW DRIVERS, Crosspoint No.1	,,	1	R.O.Pt. IV Sl. No.134/00 for American A/C

1	2	3	4	5	6	7
270	1C	6411	SCREWDRIVERS, Corss point No.2	EA	2	R. O. Pt. IV Sl. No. 134/50 for American A/C
271	1C	6412	,, ,, ,, ,, No. 3	,,	2	
272	1C	6413	,, ,, ,, ,, No. 4	,,	2	
273	1C	6452	,, Spiral automatic type 8B′			
274	1C	6453	BITO 3/16″ Bito 3/16″			R. O. Pt. IV. No. 159/54
275	1C	6454	BITO 1/4″			
276	1C	6455	BITO 5/16″			
277	1C	2165	SCREWDRIVERS, Common, 12″	,,	1	
278	1C	3190	,, Instrument makers sets.	Set	1	
279	1C	2187	SCRIBERS, Fitters	Each	1	
280	1C	2190	SETS, Saw hand	,,	1	
281	1C	5501	SHEARS, Serrating	Pair	1	
282	1C	2197	,, Tinmen's, scotch	,,	1	
283	1C	2196	,, ,, snip, bent, 14″	,,	1	
284	1C	2195	,, ,, ,, Straight	,,	1	
285	1C	2198	,, Watchmaker's	,,	1	
286	1C	2200	SLICE, Smiths	Each	1	
287	1C	2222	SPANNERS, Adjustable 6″	,,	1	
288	1C	2224	,, ,, ,, 9″	,,	1	
			SPANNERS—FOR BRITISH MANUFACTURER AIRCRAFT & EQUIPMENT			
289	1C	5033	SPANNERS, Box, Double ended ¼″× 5/16″ white.	EA	1	
290	1C	5034	SPANNERS, Box, Double ended 3/8″×7/16″ white.	,,	1	
291	1C	3212	SPANNERS, Box, Double ended 7/16″×9/16′	,,	1	
292	1C	5035	SPANNERS, Box, Double ended 1/2″×5/8″	,,	1	
293	1C	2236	SPANNERS, Box, Double ended 5/8″×3/4″.	,,	1	
			SPANNERS FOR AMERICAN MANUFACTURED AIRCRAFT AND EQUIPMENT			
294	1C	6342	SPANNERS, Open, Jaw, D.E. 11/32″ ×25/32″.	EA	1	R. O. Pt. IV No. 134/50. For servicing of American Aircraft and equipment.
295	1C	6344	SPANNERS, Open, Jaw, D. E. 3/4″ ×13/16″.	,,	1	
296	1C	6346	SPANNERS, Open, Jaw, D. E. 15/16″×1″.	,,	1	
297	1C	6347	SPANNERS, Open, Jaw, D.E. 1.1/16″×11/8″.	,,	1	
298	1C	6348	SPANNERS, Open, Jaw, D. E. 1.1/2″×11/4″.	,,	1	
299	1C	6340	SPANNERS, Open, Jaw, D. E. 9/32″×3/8″.	,,	1	
300	1C	6339	SPANNERS, Open, Jaw, D. E. 1/2″×9/16″.	,,	1	
301	1C	6343	SPANNERS Open, Jaw, D. E. 9/16″×11/16″.	,,	1	
302	1C	6341	STANNERS, Open, Jaw, D.E. 19/32″×11/16″.	,,	1	
303	1C	84	SPANNERS, Open, Jaw, B. I. Hex ring 3/4″×7/8″.	,,	1	
304	1C	86	STANNERS, Open, Jaw, B. I. Hex ring 11/16″×11/8″.			
305	1C	78	SPANNERS, Open, Jaw, B. I. Hex ring 5/16″×3/8″.	,,	1	
306	1C	79	SPANNERS, Open, Jaw, B. I. Hex ring 3/8″×7/16″.	,,	1	
307	1C	80	SPANNERS, Open, Jaw, B. I. Hex ring 1/2″×9/16″.	,,	1	
308	1C	9	SPANNERS, socket, Hand swivel 6″×9/32″.	,,	1	

1	2	3	4	5	6	7
SPANNERS FOR AMERICAN MANUFACTURED AIRCRAFT AND EQUIPMENT—(*contd.*)						
309	1C	53	SPANNERS, Socket, Hand Swivel 15″ × 1/2″.	EA.	1	R. O. Pt IV No. 134/50. For servicing of American Aircraft and Equipment.
310	1C	137	SPANNERS, Socket, Hand Swivel 15″ × 9/32″.	,,	1	
311	1C	132	SPANNERS, Socket Hexagonal 9/32″ Sq. drive 3/16″.	,,	1	
312	1C	77	SPANNERS, Socket, Hexagonal 9/32″ Sq. drive 5/16″.	,,	1	
313	1C	134	SPANNERS, Socket, Hexagonal 9/32″ sq. drive 11/32″.	,,	1	
314	1C	135	SPANNERS, Socket, Hexagonal 9/32″ Sq. drive 3/8″.	,,	1	
315	1C	136	SPANNERS, Socket, Hexagonal 9/32″ Sq. drive 7/16″.	,,	1	
316	1C	5383	SPANNERS, Box, single ended 2B.A.	,,	1	
317	1C	5384	,, ,, ,, ,, 4B.A.	,,	1	
318	1C	2245	,, ,, Double ended 3/16″ × 1/4″ white.			
319	1C	5027	STANNERS, Box, Double ended 1/4″ × 5/16″ white.	,,	1	
320	1C	2247	SPANNERS, Box, Double ended 5/16″ × 3/8″ white.	,,	1	
321	1C	5028	STANNERS, Box, Double ended 3/8″ × 7/16″ white.	,,	1	
322	1C	2249	SPANNERS, Box, Double ended 7/16″ × 1/2″ white.	,,	1	
323	1C	5030	SPANNERS, Box, Double ended 5/8″ × 3/4″ white.	,,	1	
324	1C	2253	SPANNERS, Box Double ended 7/8″ × 1″ white.	,,	1	
325	1C	5054	SPANNERS, Box, Single ended	,,	1	
326	1C	2298	SQUARES, Fitters, Grade 'A' 4″	,,	1	
327	1C	2301	,, ,, ,, ,, 12″	,,	1	
328	1C	2306	,, Smiths 18″ × 9″.	,,	1	
329	1C	2314	STAKES, Timen's, Half moon	,,	1	
330	1C	2368	STAMPS, Steel 1/8″ Figures sets	Set	1	
331	1C	2374	,, ,, ,, Letters sets	,,	1	
332	1C	2408	STOCKS, Drill, Breast	EA.	1	
333	1C	2407	,, ,, Hand	,,	1	
334	1C	3249	SWAGES, Bottom, 3/8″ and 1/2″	,,	1	
335	1C	3259	,, Top 1/2″	,,	1	
336	1C	2433	SYRINGES, Oil	,,	1	
337	1C	5032	TAPES, MEASURING, Linen, 50 ft.	,,	1	
338	IC	2590	THIMBLES	,,	2	
339	1C	2444	TONGS, Smiths, Bolt	Pair	1	
340	1C	2446	,, Forge Large	,,	1	
341	1C	2447	,, ,, Small	,,	1	
342	1C	2448	,, Hollow bit	,,	1	
343	1C	2449	,, Plier	,,	1	
344	1C		,, Watchmaker's, spin	,,	1*	*See Tools, Screwcutting holders tape (IC/3282).
345	1C	5250	TOOLS, Cable Stripping	No.	1	
346	1C	2453	,, Forming	,,	1	
347	1C		,, Rivetting, Solid rivets	Set	1	
348	1C	5309	,, ,, Set ups, 3/22″ diam. rivet.	EA.	2	
349	1C	5310	,, ,, Set ups, 1/8″ diam. rivets.	,,	2	
350	1C	5041	TOOLS, Rivetting, Snaps 3/32″ diam. rivet.	,,	2	

1	2	3	4	5	6	7
351	1C	5039	TOOLS, Rivetting, Snaps 1/8″ diam. rivet.	EA.	2	
352	1C		TOOLS, Rivetting, Tabular rivets.	Set	1	
			TOOLS SCREWCUTTING FOR BRITISH MANUFACTURED AIRCRAFT AND EQUIPMENT			
353	1C	5226	TOOLS, Screwcutting, Dies B.A. thread L.H. No. 0.	EA.	1	For Servicing of British Manufactured Aircraft and Equipment.
354	1C	5227	TOOLS, Screwcutting, Dies B. A. thread L.H. No. 2.	,,	1	
355	1C	5228	TOOLS, Screwcutting, Dies B.A. thread L.H. No. 4.	,,	1	
356	1C	5329	TOOLS, Screwcutting, Dies B.A. thread L.H. No. 6.	,,	1	
357	1C	5230	TOOLS, Screwcutting, Dies B.A. thread L.H. No. 8.	,,	1	
358	1C	5231	TOOLS, Screwcutting, Dies B.A. thread L. H. No. 10.	,,	1	
359	1C	5514	TOOLS, Screwcutting, Dies B. A. thread R. H. No. 1.	,,	1	
360	1C	5515	TOOLS, Screwcutting, Dies B. A. thread R. H. No. 3.	,,	1	
361	1C	5516	TOOLS, Screwcutting, Dies B. A. thread R . H. No. 5.	,,	1	
362	1C	5517	TOOLS, Screwcutting, Dies B. A. thread R. H. No. 7.	,,	1	
363	1C	5518	TOOLS, Screwcutting, Dies B. A. thread R.H. No. 9.	,,	1	
364	1C	2520	TOOLS, Screwcutting, Dies B.S.F. thread L. H. 1/4″.	,,	1	
365	1C	2522	TOOLS, Screwcutting, Dies B. S. F. thread L.H. 5/16″.	,,	1	
366	1C	2523	TOOLS, Screwcutting, Dies B. S. F. thread L. H. 3/8″.	,,	1	
367	1C	2524	TOOLS, Screwcutting, Dies B. S. F. thread L. H. 7/16″.	,,	1	
368	1C	2525	TOOLS, Screwcutting, Dies B. S. F. thread L. H. 1/2″.	,,	1	
			OR			
			TOOL SCREW CUTTING FOR AMERICAN MANUFACTURED AIRCRAFT & EQUIPMENT			
369	1C	6350	SCREW Cutting Dies R. H. 1/4″ × 28 T. P. I. (fine thread).	AE.	1	R. O. Pt. IV Sl. No. 134/50.
370	1C	6351	SCREW Cutting Dies R. H. 5/16″ × 24 T. P. I. (fine thread).	,,	1	
371	1C	6352	SCREW Cutting Dies R. H. 3/8″ × ×24 T. P. I. (fine thread).	,,	1	
372	1C	6353	SCREW Cutting Dies R. H. 7/16″ × 20 T. P. I. (fine thread).	,,	1	
373	1C	6254	SCREW Cutting Dies R. H. 1/2″ × 20 T. P. I. (fine thread).	,,	1	
374	1C	6358	SCREW Cutting Dies R. H. 1/4″ × 20 T. P. I. (fine thread).	,,	1	
375	1C	6359	SCREW Cutting Dies R. H. 5/16″ × 18 T. P. I.	,,	1	
376	1C	6360	SCREW Cutting Dies R. H. 3/8″ × 16 T.P.I.	,,	1	
377	1C	6361	SCREW Cutting Dies R. H. 7/16″ × 14 T.P.I.	,,	1	
378	1C	6362	SCREW Cutting Dies R. H. 1/2″ × 14 T.P.I.	,,	1	
379	1C	6048	TOOLS, Screwcutting, Dies, whitworth thread 1/4″.	,,	1	

1	2	3	4	5	6	7
380	1C	6049	TOOLS, Screwcutting, Dies, whitworth thread 6/16″.	EA.	1	
381	1C	6050	TOOLS, Screwcutting, Dies, whitworth thread 3/8″.	,,	1	
382	1C	6051	TOOLS, Screwcutting, Dies, whitworth thread 7/16″.	,,	1	
383	1C	6052	TOOLS, Screwcutting, Dies, whitworth thread 1/2″.	,,	1	
384	1C	6053	TOOLS, Screwcutting, Dies, whitworth thread 5/8″.	,,	1	
385	1C	6054	TOOLS, Screwcutting Dies, whitworth thread 3/4″.	,,	1	
386	1C	6055	TOOLS, Screwcutting, Dies, whitworth thread 7/8″.	,,	1	
387	1C	6056	TOOLS, Screwcutting, Dies, whitworth thread 1″.	,,	1	
388	1C	5337	TOOLS, Plates, gauge, Tapping, B. A. threads sets 0 to 10.	,,	1	
389	1C	5520	TOOLS, Plates, gauge, Tapping, B. A threads sets 1 to 9.	,,	1	
390	1C	5338	TOOLS, Screwcutting, Screwdrivers	,,	2	
391	1C	5870	TOOLS, Screwcutting, Sleeves	,,	2	To be manufactured locally.
392	1C	6060	,, ,, Stocks 13/16″	,,	2	
393	1C	6061	,, ,, ,, 15/16″	,,	2	
394	1C	6062	,, ,, ,, 2½″	,,	1	

TAPS BOTTOMING FOR BRITISH MANUFACTURED AIRCRAFT AND EQUIPMENT

395	1C	5233	TOOLS, Screwcutting, Taps, Bottoming B. A. thread L. H. No. 0.	EA.	1	
396	1C	5234	TOOLS, Screwcutting, Taps, Bottoming B. A. thread L. H. No. 2.	,,	1	
397	1C	5235	TOOLS, Screwcutting, Taps, Bottoming B. A. thread L. H. No. 4.	,,	1	
398	1C	5236	TOOLS, Screwcutting, Taps, Bottoming B. A. thread L. H. No. 6.	,,	1	
399	1C	5237	TOOLS, Screwcutting, Taps, Bottoming B. 'A. thread L. H. No. 8.	,,	1	
400	1C	5238	TOOLS, Screwcutting, Taps, Bottoming B. A. thread L. H. No. 10.	,,	1	
401	1C	5521	TOOLS, Screwcutting, Taps, Bottoming B. A. thread R. H. No. 1.	,,	1	
402	1C	5522	TOOLS, Screwcutting, Taps, Bottoming B. A. thread R. H. No. 3.	,,	1	
403	1C	5523	TOOLS, Screwcutting, Taps, Bottoming B. A. thread R. H. No. 5.	,,	1	
404	1C	5524	TOOLS, Screwcutting, Taps, Bottoming B. A. thread R. H. No. 7.	,,	1	
405	1C	5525	TOOLS, Screwcutting, Taps, Bottoming B. A. thread R. H. No. 9.	,,	1	
406	1C	3527	TOOLS, Screwcutting, Taps, Bottoming B. S. F. thread L. H. 1/4″.	,,	1	
407	1C	3531	TOOLS, Screwcutting, Taps, Bottoming B. S. F. thread L. H. 5/16″.	,,	1	
408	1C	3533	TOOLS, Screwcutting, Taps, Bottoming B. S. F. thread L. H. 3/8″.	,,	1	
409	1C	3535	TOOLS, Screwcutting, Taps, Bottoming B. S. F. thread L. H. 7/16″.	,,	1	
410	1C	3537	TOOLS, Screwcutting, Taps, Bottoming B. S. F. thread L. H. 1/2″.	,,	1	
411	1C	5209	TOOLS, Screwcutting, Taps, Bottoming whitworth thread R. H. 1/4″.	,,	1	

1	2	3	4	5	6	7
412	1C	3501	TOOLS, Screwcutting, Taps, Bottoming whitworth thread R. H. 5/16″.	EA.	1	
413	1C	3503	TOOLS, Screwcutting, Taps, Bottoming whitworth thread R. H. 5/8″.	,,	1	
414	1C	3505	TOOLS, Screwcutting, Taps, Bottoming whitworth thread R. H. 7/16″.	,,	1	
415	1C	3507	TOOLS, Screwcutting, Taps, Bottoming whitworth thread R. H. 1/2″.	,,	1	
416	1C	3512	TOOLS, Screwcutting, Taps, Bottoming whitworth thread R. H. 5/8″.	,,	1	
417	1C	3517	TOOLS, Screwcutting, Taps, Bottoming whitworth thread R. H. 3/4″.	,,	1	
418	1C	3522	TOOLS, Screwcutting, Taps, Bottoming whitworth thread R. H. 7/8″.	,,	1	
419	1C	3344	TOOLS, Screwcutting, Taps, Bottoming whitworth thread R. H. 1″.	,,	1	
420	1C	3528	TOOLS, Screwcutting, Taps, Second B. S. F. thread L. H. 1/4″.	,,	1	
421	1C	3532	TOOLS, Screwcutting, Taps, Second B. S. F. thread L. H. 5/16″.	,,	1	
422	1C	3534	TOOLS, Screwcurritng, Taps, Second B. S. F. thread L. H. 3/8″.	,,	1	
423	1C	3536	TOOLS, Screwcutting, Taps, Second B. S. F. thread 7/16″.	,,	1	
424	1C	3538	TOOLS, Screwcutting, Taps, Second B. S. F. thread 1/2″.	,,	1	
425	1C	5210	TOOLS, Screwcutting, Taps, Second whitworth thread R.H. 1/4″.	,,	1	
426	1C	3502	TOOLS, Screwcutting, Taps, Second whitworth thread R.H. 5/16″.	,,	1	
427	1C	3504	TOOLS, Screwcutting, Taps, Second whitworth thread R.H. 3/8″.	,,	1	
428	1C	3506	TOOLS, Screwcutting, Taps, Second whitworth thread R.H. 7/16″.	,,	1	
429	1C	3508	TOOLS, Screwcutting, Taps, Second whitworth thread R.H. 1/2″.	,,	1	
430	1C	3513	TOOLS, Screwcutting, Taps, Second whitworth thread R.H. 5/8″.	,,	1	
431	1C	3518	TOOLS, Screwcutting, Taps, Second whitworth thread R.H. 3/4″.	,,	1	
432	1C	3523	TOOLS, Screwcutting, Taps, Second whitworth thread R.H. 7/8″.	,,	1	
433	1C	3346	TOOLS, Screwcutting, Taps, Second whitworth thread R.H. 1″.	,,	1	
434	1C	5239	TOOLS, Screwcutting, Taps, Taper, B.A. thread L.H.O. 0″.	,,	1	
435	1C	5240	TOOLS, Screwcutting, Taps, Taper, B.A. thread L.H. 2″.	,,	1	
436	1C	5241	TOOLS, Screwcutting, Taps, Taper, B.A. thread L.H. 4″.	,,	1	
437	1C	5242	TOOLS, Screwcutting, Taps, Taper, B.A. thread L.H. 6″.	,,	1	

1	2	3	4	5	6	7
438	1C	5243	TOOLS, Screwcutting, Taps, Taper, B.A. thread L.H. 8″.	EA.	1	
439	1C	5244	TOOLS, Screwcutting, Taps, Taper, B.A. thread L.H. 10″.	,,	1	
440	1C	5526	TOOLS, Screwcutting, Taps, Taper, B.A. thread R.H. 1″.	,,	1	
441	1C	5527	TOOLS, Screwcutting, Taps, Taper, B.A. thread R.H. 3″.	,,	1	
442	1C	5528	TOOLS, Screwcutting, Taps, Taper, B.A. thread R.H. 5″.	,,	1	
443	1C	5529	TOOLS, Screwcutting, Taps, Taper, B.A. thread R.H. 7″.	,,	1	
444	1C	5530	TOOLS, Screwcutting, Taps, Taper, B.A. thread R.H. 9″.	,,	1	
445	1C	2529	TOOLS, Screwcutting, Taps, Taper, B.S.F. thread L.H. 1/4″.	,,	1	
446	1C	2531	TOOLS, Screwcutting, Taps, Taper, B.S.F. thread L.H. 5/16″.	,,	1	
447	1C	2532	TOOLS, Screwcutting, Taps, Taper, B.S.F. thread L.H. 3/8″.	,,	1	
448	1C	2533	TOOLS, Screwcutting, Taps, Taper, B.S.F. thread L.H. 7/16″.	,,	1	
449	1C	2534	TOOLS, Screwcutting, Taps, Taper, B.S.F. thread L.H. 1/2″.	,,	1	
450	1C	5211	TOOLS, Screwcutting, Taps, Taper, whitworth thread R.H. 1/4″.	,,	1	
451	1C	2490	TOOLS, Screwcutting, Taps, Taper, whitworth thread R.H. 5/16″.	,,	1	
452	1C	2491	TOOLS, Screwcutting, Taps, Taper, whitworth thread R.H. 3/8″.	,,	1	
453	1C	2492	TOOLS, Screwcutting, Taps, Taper, whitworth thread R.H. 7/16″.	,,	1	
454	1C	2493	TOOLS, Screwcutting, Taps, Taper, whitworth thread R.H. 1/2″.	,,	1	
455	1C	2494	TOOLS, Screwcutting, Taps, Taper, whitworth thread R.H. 5/8″.	,,	1	
456	1C	2495	TOOLS, Screwcutting, Taps, Taper, whitworth thread R.H. 3/4″.	,,	1	
457	1C	3524	TOOLS, Screwcutting, Taps, Taper, whitworth thread R.H. 7/8″.	,,	1	
458	1C	3347	TOOLS, Screwcutting, Taps, Taper, whitworth thread R.H. 1″.	,,	1	
			OR			
			FOR AMERICAN MANUFACTRED AIRCRAFT AND EQUIPMENT			
459	1C	6371	TAPS, Bottoming R.H. (F.T.H.) 1/4″×28 T.P.I.	EA.	1	R. O. Pt. IV Sl.No.134/50.
460	1C	6372	TAPS, Bottoming R.H. (F.T.H.) 5/16″×24.	,,	1	
461	1C	6373	TAPS, Bottoming R.H. (F.T.H.) 3/8″×24.	,,	1	
462	1C	6374	TAPS, Bottoming R.H. (F.T.H.) 7/16″×20.	,,	1	
463	1C	6375	TAPS, Bottoming R.H. (F.T.H.) 1/2″×20.	,,	1	
464	1C	6379	TAPS, Bottoming R.H. (C.T.H.) 1/4″×20.	,,	1	
465	1C	6380	TAPS, Bottoming R.H. (C.T.H.) 5/16″×18.	,,	1	
466	1C	6381	TAPS, Bottoming R.H. (C.T.H.) 3/8″×16.	,,	1	
467	1C	6382	TAPS, Bottoming R.H. (C.T.H.) 7/16″×14.	,,	1	
468	1C	6383	TAPS, Bottoming R.H. (C.T.H.) 1/2″×13.	,,	1	
469	1C	6063	TOOLS, Screwcutting, Wrenches Tap.	,,	2	

1	2	3	4	5	6	7
470	1C	6064	TOOLS, Screwcutting, Wrenches, Tap.	EA.	2	
471	1C	6065	TOOLS, Screwcutting, Wrenches, Tap.	,,	1	
472	1C	5506	TOOLS, Tube expanding, Type B, Small.	,,	1	
473	1C	2593	TRAMMELS, Truing 4″	Pair	4	
474	1C	2607	VICES, Fitters, 3¼″ jaws	EA.	1	
475	1C	2615	VICES, Hand 8 oz.	,,	1	
476	1C	2616	VICES, Hand 16 oz.	,,	1	
477	1C	3546	VICES, Carpenter	,,	2	For R. & M. D. Qty. 13, B.R. D. & E.D's except 5 E.D. Qty. 6 each, for No. 5 E. D. Qty. 2 is entitlement.
478	1G	177	DRILLS, Twist, Wire Guage, Sets	Set	1	
479	1G	241	REAMERS, Hand, Expanding 1/4″ to 9/32″.	EA.	1	
480	1G	243	REAMERS, Hand Expanding 9/32 to 5/16″.	,,	1	
481	1G	245	REAMERS, Hand Expanding 5/16 to 11/32″.	,,	1	
482	1G	247	REAMERS, Hand Expanding 11/32″ to 3/8″.	,,	1	
483	1G	249	REAMERS, Hand Expanding 3/8″ to 13/32″.	,,	1	
484	1G	251	REAMERS, Hand Expanding 13/32″ to 15/32″.	,,	1	
485	1G	253	REAMERS, Hand Expanding 15/32″ to 17/32″.	,,	1	
486	1G	255	REAMERS, Hand Expanding 17/32 to 19/32″.	,,	1	
487	1G	257	REAMERS, Hand Expanding 9/16″ to 5/8″	,,	1	
488	1G	259	REAMERS, Hand Expanding 5/8″ to 11/16″.	,,	1	
489	1G	261	REAMERS, Hand Expanding 21/32″to 3/4″.	,,	1	
490	1G	263	REAMERS, Hand Expanding 3/4″ to 27/32″.	,,	1	
491	1G	265	REAMERS, Hand Expanding 13/16 to 7/8″.	,,	1	
492	1G	267	REAMERS, Hand, Expanding 27/32″ to 31/32″.	,,	1	
493	1G	273	REAMERS, Hand, Expanding 31/32″ to 11/8″.	,,	1	
494	1G	100	TOOLS, Screwcutting, Dies, B.A. thread R.H. No. 0.	,,	1	
495	1G	101	TOOLS, Screwcutting, Dies, B.A. thread R.H. No. 2.	,,	1	
496	1G	102	TOOLS, Screwcutting, Dies, B.A. thread R.H. No. 4.	,,	1	
497	1G	103	TOOLS, Screwcutting, Dies, B.A. thread R. H. No. 6.	,,	1	
498	1G	104	TOOLS, Screwcutting, Dies, B.A. thread R.H. No. 8.	,,	1	
499	1G		TOOLS, Screwcutting, Dies, B.A. thread R.H. No. 10.	,,	1	
500	1G	348	TOOLS, Screwcutting, Dies, B.S.F. thread R.H. 1/4″.	,,	1	
501	1G	349	TOOLS, Screwcutting, Dies, B.S.F. thread R.H. 5/16″.	,,	1	

1	2	3	4	5	6	7
502	1G	350	TOOLS, Screwcutting, Dies, B.S.F. thread R.H. 3/8″.	EA.	1	
503	1G	351	TOOLS, Screwcutting, Dies, B.S.F. thread R.H. 7/16″.	,,	1	
504	1G	352	TOOLS, Screwcutting, Dies, B.S.F. thread R.H. 1/2″.	,,	1	
505	1G	106	TOOLS, Taps, Bottoming, B.A. threads R.H. No. 0.	,,	1	
506	1G	107	TOOLS, Taps, Bottoming, B.A. threads R.H. No. 2.	,,	1	
507	1G	108	TOOLS, Taps, Bottoming, B.A. thread R.H. No. 4.	,,	1	
508	1G	109	TOOLS, Taps, Bottoming B.A. thread R.H. No. 6.	,,	1	
509	1G	110	TOOLS, Taps, Bottoming, B.A. thread R.H. No. 8.	,,	1	
510	1G		TOOLS, Taps, Bottoming, B.A. thread R.H. No. 10.	,,	1	
511	1G	145	TOOLS, Taps, Bottoming, B.S.F. thread R.H. 1/4″.	,,	1	
512	1G	146	TOOLS, Taps, Bottoming, B.S.F. thread R.H. 5/16″.	,,	1	
513	1G	147	TOOLS, Taps, Bottoming, B.S.F. thread R.H. 3/8″.	,,	1	
514	1G	148	TOOLS, Taps, Bottoming, B.S.F. thread R.H. 7/16″.	,,	1	
515	1G	149	TOOLS, Taps, Bottoming, B.S.F. thread R.H. 1/2″.	,,	1	
516	1G	150	TOOLS, Tpas, Second B.S.F. thread R.H. 1/4″.	,,	1	
517	1G	151	TOOLS, Taps, Second B. S. F. thread R.H. 5/16″.	,,	1	
518	1G	152	TOOLS, Taps, Second B. S. F. thread R.H. 3/8″.	,,	1	
519	1G	153	TOOLS, Taps, Second B. S. F. thread R.H. 7/16″.	,,	1	
520	1G	154	TOOLS, Taps, Second B. S. F. thread R.H. 1/2″.	,,	1	
521	1G	155	TOOLS, Screwcutting, Taps, Taper, B. S. F. thread R.H. 1/4″.	,,	1	
522	1G	156	TOOLS, Screwcutting, Taps, Taper, B.S.F. thread R. H. 5/16″.	,,	1	
523	1G	157	TOOLS Screwcutting, Taps, Taper, B. S.F. thread R.H. 3/8″.	,,	1	
524	1G	158	TOOLS, Screwcutting, Taps, Taper B.S.F. thread R.H. 7/16″.	,,	1	
525	1G	159	TOOLS, Screwcutting, Taps, Taper, B.S.F. thread R.H. 1/2″.	,,	1	
526	1H	43	PLIERS, Ignition Terminal	Pair	1	
527	3A	747 OR 749 OR 883	MACHINES, Drilling, Electric 110 Volts, type D. MACHINES, Drilling, Electiric 200—220 Volts, type E. MACHINES, Drilling, Electric 230—250 Volts, type H.	EA	1	To be held on Station inventory and should not be transferred without Air HQ. permission.
528	3A OR 3A OR 3A	1028 951 952	MACHINES, Drilling, Electric 110 Volts type N. MACHINES, Drilling, Electric 200—220 Volts, Type L. MACHINES, Drilling, Electric 230—250 Volts, Type M.		1	
529	3B	2319	TOOLS, Butt-Welded, High Speed, steel or approved substitute-1/2″ squre shank, Blank.	,,	1	

1	2	3	4	5	6	7
530	3B	2320	TOOLS, Butt-welded, high speed steel/approved substitute 1/2″ square Shank Boring, square nose.	EA.	1	
531	3B	2321	TOOLS, Butt-welded, high speed steel/approved substitute 1/2″ square shank, knife or side cutting L. H.	,,	1	
532	3B	2322	TOOLS, Butt-welded, high speed steel/approved substitute 1/2″ square shank, knife or side cutting R. H.	,,	1	
533	3B	2323	TOOLS, Butt-welded, high speed steel/approved substitute 1/2″ square shank, offset facing L. H.	,,	1	
534	3B	2324	TOOLS, Butt-welded, high speed stele/aproved substiitute 1/2″ square shank, offset facing R. H.	,,	1	
535	3B	2325	TOOLS, Butt-welded, high speed steel/approved substitute 1/2″ square shank, Parting Off.	,,	1	
536	3B	2326	TOOLS, Butt-welded, high speed steel/approved substitute 1/2″ square shank, Screwcutting external.	,,	1	
537	3B	2327	TOOLS, But-twelded, high speed steel/approved substitute 1/2″ square shank, Screwcutting internal.	,,	1	
538	3B	2328	TOOLS. Butt-welded, high speed steel/approved substitute 1/2″ straight, nosed rougher.	,,	1	
539	3B	2329	TOOLS, Butt-welded, high speed steel/approved substitute 1/2″×5/8″ shank, Blank.	,,	1	
540	3B	2330	TOOLS Butt-welded, high speed steel/approved substitute 1″×5/8″ shank knife or side cutting L. H.	,,	1	
541	3B	2331	TOOLS, Butt-welded, high speed steel/approved substitute 1″×5/8″ shank knife or side cutting R.H.	,,	2	One for each Lathe 5½″-8½″. One for each shaper.
542	3B	2332	TOOLS, Butt-welded, high speed steel/approved substitute 1″×5/8″ shank offset facing L. H.	,,	2	
543	3B	2333	TOOLS, Butt-welded, high speed steel/approved substitute 1″×5/8″ shank offset facing R.H.	,,	2	
544	3B	2334	TOLLS Butt-welded, high speed steel/approved substitute 1″×5/8″ shank parting off.	,,	1	
545	3B	2335	TOOLS, Butt-welded, high speed steel/approved substitute 1″×5/8″ shank plane or shaper, Round nose	,,	1	
546	3B	2336	TOOLS, Butt-welded high speed steel/approved substitute 1″×5/8″ shank plane/shaper stone nose.	,,	1	
547	3B	2337	TOOLS, Butt-welded, high speed steel/approved substitute 1″×5/8″ shank screwcutting external.	,,	1	
548	3B	2338	TOOLS Butt-welded, high speed steel/approved substitute 1″×5/8″ shank straight, nosed rougher.	,,	1	

1	2	3	4	5	6	7
549	3B	2339	TOOLS, Butt-welded, high speed steel/approved substitute $1'' \times \frac{3}{4}''$ shank, Boring square nose.	EA.	1	
550	3B	2340	TOOLS, Butt-welded, high speed steel/approved substitute $1'' \times \frac{3}{4}''$ shank, screwcutting internal.	,,	1	
551	4A	1315	TRUCKS, Cylinder, gas welding	,,	1	

I. A .P. 1503-A Scale A-12
(Old A. P. 830 Vol. III Part 'A' Scale A-12)

ELECTRICAL SECTION LOCK-UP

CONTENTS OF TOOL KIT

SCALE OF TOOL KIT FOR ELECTRICAL SECTION LOCK-UP

NOTE.—This Scale supersedes the Scale of Tool Kit laid down in I. A. P. 1503-A Scale A-6, Part 9.

25—6 I.A.F./65

CONTENTS

TITLE PAGE

CONTENTS

AMENDMENTS CERTIFICATE

PREFACE

SCALE OF EQUIPMENT

AMENDMENTS CERTIFICATE

The amendments promulgated in undermentioned list have been incorporated in this publication.

Amendment List		Amendment made by	Date	Signature
No.	Date			

PREFACE

1. This scale lays down the scale of Tools to be held in Flight and Section Lock-ups of Electrical Sections.

2. The scale is comprehensive and it may be found that certain items are not used by a particular flight or section. In such cases the items are not to be demanded simply because they appear in the scale and if they are held they are to be returned to the appropriate Equipment Depot.

3. Issues in excess of quantities allowed by these scales or of additional items, are not to be made without the prior approval of Air Headquarters.

4. This scale will be kept up-to-date by means of periodical amendment lists.

5. The amendment certificate will be annotated when amendments have been inserted.

6. Any suggestions for amendments to this scale should be forwarded to Directorate of Technical Services (T. S. 8) Air Headquarters, New Delhi through proper channels.

7. Hand Tools and equipment listed in this scale are common user items of Equipment. The special Tools and Equipment for servicing of various types of Aircraft are scaled in the appropriate Aircraft scales which may be consulted.

Scale of Tool Kit for Electrical Section Lock-up

Sl. No.	Section	Ref. No.	Nomenclature	Denom.	Qty.	Remarks
1	2	3	4	5	6	7
1	1A	3826	Boxes, Tool, Standard medium .	EA	1	
2	1A	291	Brushes, Varnish.	,,	2	
3	1A	3715	Cans, Lubricating, Oil, small.	,,	1	
4	1A	3587	Cleaners, contact	,,	1	
5	1H	or 6	Cleaners, contact No. 1.			
6	1A	749	Drills Twist, Straight shank, 1/8″ .	,,	2	
7	1A	753	Drills Twist, Straight shank, 3/16 in.	,,	1	
8	1A	757	Drills Twist, Straight shank, 1/4 in.	,,	1	
9	1A	761	Drills Twist, Straight shank, 5/16 in.	,,	1	
10	1A	3390	Drills, Twist, Wire guage, Singles, No. 12.	,,	1	
11	1A	3429	Do. No. 26	,,	2	
12	1A	3437	Do. No. 34	,,	2	
13	1A	3456	Do. No. 43	,,	2	
14	1A	3457	Do. No. 44	,,	2	
15	1A	3510	Do. No. 50	,,	2	
16	1A	3511	Do. No. 51	,,	2	
17	1A	3516	Do. No. 54	,,	2	
18	1A	910	Files, Bastard, Hand safe edge 10 inches.	,,	1	
19	1A	933	Files, Bastard, and safe edge, Square 10 inches.	,,	1	
20	1A	951	Files, Warding, cut both sides, 4 inch.	,,	1	
21	1A	1142	Files, Smooth-Round, 8 inches.	,,	1	
22	1A	3861	Files, Equalling.	,,	1	
23	1B	4110	Gauges, Feeler, English, 4 in.	,,	1	
24	1B	4212	Gauges, wire.	,,	1	
25	1B	1329	Hammers-Fitters, Ball pane, 16 oz.	,,	1	
26	1B	1340	Hammers-Hidefaced, No. 1.	,,	1	
27	1B	1391	Hammers-Watchmakers.	,,	1	
28	1B	1394	Handles, File Large.	,,	2	
29	1B	1396	Handles, File Small.	,,	4	
30	1B	1484	Iron soldering common, 8 oz.	,,	..	
31	1B	4133	Iron soldering Electric, light, 110/120 Volts 65 watts.			
		or				
32	1B	4234	Iron soldering, Electric, light, 230/250 Volts, 65 watts.	,,	1	
		or				
33	1B	4233	Do.			
34	1B	4496	Iron soldering, Electric, extra light, 24 Volts, 60 watts.	,,	1	
		or				
35	1H	89	Iron soldering, Electric, 24 Volts.			
36	1B	1514	Lamps, brazing, 1 pint.	,,	1	
37	1B	4487	Mirror Inspection, Magnifying with a Universal joint.	,,	1	
38	1B	4242	Pliers-cutting, 5½″.	Prs.	1	
39	1B	1783	Pliers-Flat nose 6″.	,,	1	
40	1B	4107	Pliers-sleeve fixing.	,,	1	
41	1B	4567	Pliers-circlip external.	,,	1	
42	1B	4571	Pliers-circlip internal.	,,	1	
43	1B	1821	Punches centre.	EA	1	

1	2	3	4	5	6	7
44	1B	1830	Punches Nail or pin 1/6″.	EA	1	
45	1B	1835	Punches Nail or pin 3/16″.	,,	1	
46	1B	1836	Punches Nail or pin 1/4″.	,,	1	
47	1B	2125	Rules steel, 12 inches.	,,	1	
48	1C	5582	Saws Hack, fixed.	,,	1	
49	1C	2143	Saws Hack, Blades 12″.	,,	3	
50	1C	2154	Scissors, Laboratory.	Prs.	1	
51	1C	5321	Screw drivers, common, 8″.	EA	1	
52	1C	5923	Screw drivers, watchmakers, screw holders.	,,	1	
53	1C	3193	Screw drivers, watchmakers, Blades 8″×3/16″.	,,	1	
54	1C	2177	Screw drivers, watchmakers, Blades 6″×5/32″.	,,	1	
55	1C	3190	Screw drivers, Instruments, sets, consisting of :— (i) 1C/5084 3/64″ Qty. 1 (ii) 1C/5085 1/16″ ,, (iii) 1C/5086 5/64″ ,, (iv) 1C/5087 3/32″ ,,	Set	1	
56	1C	6452	Screw driver Spiral Automatic Type 'B', consisting of :— (i) 1C/6453 Bits 3/16″ Qty. 1 (ii) 1C/6454 ,, 1/4″ ,, (iii) 1C/6455 ,, 5/16″ ,,	,,	1	
57	1C	2187	Scribers fitters 7	,,	1	
58	1C	2195	Shears, Tinmen's snip, straight.	,,	1	
59	1C	2229	Spanners Box, Double ended—1/8″×3/16″ whit.		1	
60	1C	5033	Spanners Box, Double ended—1/4″×5/16″ whit.	,,	1	
61	1C	5034	Spanners Box, Double ended—3/8″×7/16″ whit.	,,	1	
62	1C	5035	Spanners Box, Double ended—1/2″×5/8″ whit.	,,	1	
63	1C	2236	Spanners Box, Double ended—5/8″×3/4″ whit.	,,	1	
64	1C	2237	Spanners Box, Double ended—7/8″×1″ whit.	,,	1	
65	1C	5027	Spanners Double ended, B.S.W. 1/4″×5/16″.	,,	1	
66	1C	5030	Spanners Double ended, B.S.W. 5/8″×3/4″.	,,	1	
67	1C	2407	Stocks, drill, Hand.	,,	1	
68	1C	2607	Vices, fitters, bench 3¼″. Jaw	,,	1	
69	1H	96	Balance spring 0-2 lbs.	,,	1	
70	1H	97	Balance spring 0-4 lbs.	,,	1	
71	1H	10	Pliers, Adjusting No. 1.	,,	1	
72	1H	11	Pliers, Long, snipe nose, 6″ insulated.	,,	1	
73	4A	2253	Ovens drying 230 Volts thermostatically controlled.	,,	1	
74	5X	1564	Spanners, Strap, adjustable.	,,	2	
75	29	1277	Padlocks Iron.	,,	2	

(For Official use only)

I. A. P. 1503-A Scale A-13
(Old A. P. 830 Vol. III Part 'A' Scale A-12)

SCALE OF TOOL KITS FOR ARMOURY LOCK-UP

NOTE.—This Scale supersedes the Scale of Tool Kits—Armoury Lock-up laid down in I. A. P. 1503-A, Scale 6 Part 3.

(Promulgated for information, guidance and necessary action)

AMENDMENTS CERTIFICATE

The amendments promulgated in undermentioned list have been incorporated in this publication.

Amendment List		Amendment made by	Date	Signature
No.	Date			

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PREFACE
SCALE OF EQUIPMENT

O. G. A's Office
LIBRARY

PREFACE

This scalel ays down the Scale of Tool Kits for Armoury Lock up.

2. All items on this scale are to be held as loose tools.

3. Units not holding particular type of Machine Guns will not hold respective tools.

4. This scale is the authority for demanding the equipment detailed therein and the quantities scaled are not to be exceeded without prior concurrenc of the appropriate authority.

5. The general principal laid down in I. A. P. 1501 are to be followed in all cases when dealing with tool kits.

6. This scale will be kept up-to-date by means of periodical amendment list.

7. The amendment certificate will be annotated when amendments have been inserted.

8. Any suggestion for amendments to this scale should be forwarded to the Dte. of Armament, Air Headquarters, New Delhi through proper channel.

26—6 I. A. F./65

Scale of Tool Kits for Armoury Lock-up

Sl. No.	Sec/Ref. No.	Nomenclature	Details and Remarks	Denom. of Qty.	Station, Wing, Tool Kit	Sqn./Unit Tool Kit	Flight Tool Kit
1	2	3	4	5	6	7	8
1	1A/150	BITS, Carpenters, Screw driver		EA	6	..	2
2	1A/65	Blocks 'V' 1-in		,,	2	2	..
3	1A/85	Bobs, Plumb, 8 ozs		,,	2	..	4
4	1A/3716	Boxes, tool, standard Large		,,	2	1	1
5	1A/3826	Boxes, tool, standard Medium		,,	..	1	1
6	1A/152	Braces, Carpenter's 10-inch Sweep		,,	6	1	2
7	1A/202	Brushes Camel hair No 3		,,	2	3	2
8	1A/200	Brushes Camel hair No 1		,,	2	2	2
9	1A/291	Brushes Varnish 1″		,,	2	2	2
10	1A/292	Brushes Varnish 2″		,,	2	2	2
11	1A/293	Brushes Varnish 3″		,,	2	2	2
12	1A/324	CALIPERS Common Inside 6″		,,	1	1	..
13	1A/326	CALIPERS Common Outside 6″		,,	1	2	..
14	1A/2735	CALIPERS Verner 4″	C/W Case Ref 3842	,,	1	1	..
15	1A/2721	CALIPERS Micrometer, grade A External 0-in to 1 in	C/W Case Ref 3834	,,	1	1	..
16	1A/2722	CALIPERS Micrometer, grade A External 1 in to 2in	C/W Case Ref 3835	,,	1	1	..
17	1A/2727	CALIPERS Micrometer, grade A External 0 mm to 26 mm	C/W Case Ref 3834	,,	1	1	..
18	1A/2728	CALIPERS Micrometer, grade A External 25 mm to 50 mm	C/W Case Ref 3835	,,	1	1	..
19	1A/3715	CANS, Lubricating Oil small		,,	2	4	8
20	1A/2738	CARDS, Scratch		FT	6	4	6
21	1A/409	CHISELS, Chipping Cold 8″ × 3/4″		EA	4	4	2
22	1A/2740	CHISELS, Chipping Light Sets		Set	4	4	..
23	1A/472	COMBINATION, Sets	C/W Case Ref. 3846	,,	1	1	..
24	1A/520	CROW, Bar 3′-6″		EA	2	..	..
25	1A/621	Dividers Spring 6″		Prs.	1	1	..
26	1A/3511	Drills Twist Morse No 51		EA	1	1	..
27	1A/3514	Drills Twist Morse No 52		,,	1	1	..
28	1A/742	Drills Twist Straight Shank 1/64″.		,,	2	1	..
29	1A/743	Drills Twist Straight Shank 1/32″		,,	2	1	..
30	1A/744	Drills Twist Straight Shank 3/64″.		,,	2	1	..
31	1A/745	Drills Twist Straight Shank 1/16″		,,	4	2	..
32	1A/746	Drills Twist Straight Shank 5/64″.		,,	2	1	..
33	1A/747	Drills Twist Straight Shank 3/32″.		,,	4	2	..
34	1A/748	Drills Twist Straight Shank 7/64″.		,,	2	1	..
35	1A/749	Drills Twist Straight Shank 1/8″.		,,	4	2	..
36	1A/750	Drills Twist Staragnt Shank 9/64″.		,,	2	1	..

1	2	3	4	5	6	7	8
37	1A/751	Drills Twist Straight Shank 5/32″.		EA	2	1	..
38	1A/752	Drills Twist Straight Shank 11/64″.		,,	2	1	..
39	1A!753	Drills Twist Straight Shank 3/66″.		,,	4	2	..
40	1A/754	Drills Twist Straight Shank 13/64″		,,	2	1	..
41	1A/755	Drills Twist Straight Shank 7/32″		,,	2	1	..
42	1A/756	Drills Twist Straight Shank 15/64″.		,,	2	1	..
43	1A/757	Drills Twist Straight Shank 1/4″		,,	4	2	..
44	1A/758	Drills Twist Straight Shank 17/64″.		,,	2	1	..
45	1A/759	Drills Twist Straight Shank 9/32″.		,,	4	2	..
46	1A/760	Drills Twist Straight Shank 19/64″		,,	2	1	..
47	1A/761	Drills Twist Straight Shank 5/16″.		,,	4	2	..
48	1A/762	Drills Twist Straight Shank 21/64″		,,	2	1	..
49	1A/763	Drills Twist Straight Shank 11/32″.		,,	4	2	..
50	1A/764	Dills Twist Straight Shank 23/64″.		,,	2	1	..
51	1A/765	Drills Twist Straight Shank 3/8″.		,,	4	2	..
52	1A/680	Drills Wire Gauge Sets		Set	1	1	..
53	1A/3390	Drills Single , No. 12		EA	1	1	..
54	1A/3429	Drills Single, No. 26		,,	4	2	..
55	1A/3437	Drill Single, No. 34		,,	4	2	..
56	1A/3457	Drill Singles, No. 44.		,,	4	2	..
57	1A/3511	Drill Singles No. 51		,,	4	2	..
58	1A/3516	Drill Single, No. 54		,,	4	2	..
59	1A/4273	BALANCE, SPRING 0 to 60 lbs.		,,	1	1	..
60	1A/887	Eye glasses, watch makers		,,	1	..	1
61	1A/3750	Extractors, Screws Sets		,,	1	1	..
62	1A/2834	FILES Bastard Flat 4″		,,	2	1	..
63	1A/893	,, ,, ,, 8″		,,	2	1	..
64	1A/901	FILES Bastard Half round 6″.		,,	2	1	1
65	1A/910	FILES Bastard Hand safe edge 10″.		,,	2	1	1
66	1A/913	FILES Bastard Knife 4″		,,	2	1	1
67	1A/921	FILES Bastard Round 6″		,,	2	1	1
68	1A/923	FILES Bastard Round 8″		,,	2	1	1
69	1A/931	FILES Bastard Square 8″		,,	2	1	1
70	1A/936	FILES Bastard Three Squares 3″.		,,	2	1	1
71	1A/939	FILES Bastard Three Squares 6″.		,,	2	1	1
72	1A/951	FILES Bastard Warding 4″		,,	1	..	..
73	1A/958	FILES Bastard Dead smooth flat 10″.		,,	1	..	..
74	1A/3755	FILES Bastard Dead halfround 3″.		,,	1	..	..
75	1A/960	FILES Bastard Dead hand safe edge 6″		,,	1	..	..
76	1A/3736	FILES Bastard Dead Three Squares 3″		,,	1	..	..
77	1A/1001	FILES Bastard Dread nought 12″.		,,	2	1	1
78	1A/1034	FILES Bastard Second cut flat 4″.		,,	1	..	..

1	2	3	4	5	6	7	8
79	1A/1049	FILES Bastard Second cut half round 6″.		EA.	1	..	..
80	1A/1058	FILE Bastard Second cut hand safe edge 6″.		,,	1	1	1
81	1A/1061	FILE Bastard Second cut hand safe edge 10″		,,	1	1	1
82	1A/1117	FILES Bastard Smooth half round 6″.		,,	1	1	1
83	1A/1118	FILES Bastard Smooth half round 8″		,,	1	1	1
84	1A/1105	FILES Bastard Smooth flat 4″		,,	1	..	1
85	1A/1111	FILES Bastard Smooth flat 12″		,,	1	..	1
86	1A/1124	FILE Bastard Smooth hand safe edge 6″		,,	2	1	1
87	1A/1138	FILES Bastard Smooth round 4″		,,	2	1	1
88	1A/1140	FILES Bastard Smooth round 6″		,,	2	1	1
89	1A/1142	FILES Bastard Smooth round 8″		,,	2	1	1
90	1A/1157	FILES Bastard Smooth three squares 6″.		,,	2	1	1
91	1A/1132	FILES Bastard Knife 6″			1	1	..
92	1A/1177	Funnel round 1 Pint			1	1	..
93	1A/3848	Axes Pick 4½ lbs.		,,	2	..	..
94	1B/1110	GAUGES Feeler English 4″		,,	1	1	1
95	1B/1203	GAUGES, Feeler Metric		,,	1	1	1
96	1B/2870	GAUGES, Redius 1/32 to ¼″		,,	1	1	1
97	1B/3530	GAUGES, Radius Metric 1to7 mm.		,,	1	1	1
98	1B/4178	Guns lubricating type B		,,	1	1	..
99	1B/1327	HAMMERS, Fitter Ball Pane 8 oz.		,,	1	1	1
100	1B/1359	HAMMERS Fitter cross pane 8 oz.		,,	1	1	1
101	1B/1340	HAMMERS, Fitterhide faced No.1		,,	1	1	1
102	1B/4294	HAMMERS, Fitterhide faced No.3		,,	1	1	1
103	1B/4185	HAMMERS, Rubber		,,	1	1	1
104	1B/1391	HAMMERS, Watch makers		,,	1	1	1
105	1B/1394	HANDLES, File large		,,	12	12	12
106	1B/1396	HANDLES, File small		,,	12	12	12
107	1B/2906	Indicators, test dial		,,	1	..	..
108	1B/1484	IORN SOLDERING COMMON 8 oz.		,,	1	..	1
109	1B/1486	IORN, SOLDERING, COMMON, 1 lb. 10 oz.		,,	1	1	..
110	1B/1485	IRON, SOLDERING COMMON 2 lbs. 5 ozs.		,,	1	1	..
111	1B/4233	IRON SOLDERING ELECTRIC Or Light 200-220 volts.		,,	1	1	..
112	1B/4234	IRON SOLDERING ELECTRIC Light 230—250 volts.		,,	1	1	..
113	1B/1494	Knives, drawing carpenter		,,	1	..	..
114	1B/1514	LAMP, Brazing, 1 Pint		,,	1	..	1
115	1B/4166	LAMPS, Brazing, 5 Pint Type B		,,	1	1	..
116	1B/1597	MEASURE TIN 1 Pint		,,	1	..	..
117	1B/3377	MEASURE TIN 1 gallon		,,	1	..	..
118	1B/1601	Nail pullers		,,	1	1	..
119	1B/4345	Hold alls, tool		,,	1	1	..
120	1B/1688	Oil stones, shaped 53		,,	1	1	2
121	1B/4430	Pencils, electric etching type B		,,	1	..	..
122	1B/1720	Plane jack		,,	1	..	..
123	1B/1769	PLATE, Surface 12″×8″		,,	1	1	..
124	1B/1756	Stencil figures 1/2″		Sets	1	1	..
125	1B/1764	Stencil letters 1/2″		,,	1	1	..
126	1B/4242	PLIERS Cutting 5½″		Prs.	1	1	..
127	1B/4495	PLIERS Cutting cable		,,	1	1	..
128	1B/1783	PLIERS Flat Nose 6″		,,	1	1	..
129	1B/1798	PLIERS Round Nose 6″		,,	1	1	..
130	1B/1773	PLIERS Side cutting 6″		,,	1	..	1

1	2	3	4	5	6	7	8
131	1B/4426	PLIERS Circlip		Prs.	1	..	1
132	1B/1821	Punches centre		,,	1	1	..
133	1B/2124	RULES STEEL 6″		EA.	1	..	1
134	1B/2125	RULES STEEL 12″		,,	1	1	1
135	1B/2126	RULE STEEL 24″		,,	1	1	..
136	1B/4434	LEVEL SPIRIT, Adjustable 6″		,,	1	..	..
137	1B/2923	LEVEL SPIRIT, wood narrow 10″		,,	1	..	..
138	1B/101	Tommy Bar		,,	6	..	..
139	1C/2141	SAW HACK Adjustable		,,	1	..	..
140	1C/5582	SAW HACK Fixed		,,	1	1	..
141	1C/2142	Blade 14 TPI		,,	6	..	..
142	1C/5583	Blade 18 TPI		,,	6	6	..
143	1C/5584	Blade 24 TPI		,,	6	6	..
144	1C/2143	Blade 32 TPI		,,	6	6	..
145	1C/5814	Scissors Fabric		Pr.	1	..	..
146	1C/3190	SCREW DRIVER Instrument maker		EA.	1	1	..
147	1C/2175	SCREW DRIVER Ratchet		,,	1	1	..
148	1C/2176	SCREW DRIVER Watch maker 3/16″×3″		,,	1	1	..
		SCREW DRIVER					
149	1C/6410	Phillips Set No. 1		,,	1	..	1
150	1C/6411	Phillips Set No. 2		,,	1	..	1
151	1C/6412	Phillips Set No. 3		,,	1	..	1
152	1C/6413	Phillips Set No. 4		,,	1	..	1
153	1C/2195	Shears Tin Men's snip straight		Prs.	1	1	..
154	1C/3200	Shovels G.P.		EA.	2	..	..
155	1C/3209	Spades		,,	2	..	..
		SPANNERS					
156	1C/2222	Adjustabe 6″		,,	1	5	8
157	1C/2226	Adjustabe 12″		,,	2	..	..
158	1C/2273	Single handed 1″ B.S.W.		,,	2	..	..
159	1C/5027	D.E. 1/4″×5/16″ WHIT		,,	1	1	..
160	1C/2247	D.E. 5/16″×3/8″ WHIT		,,	1	4	8
161	1C/5028	D.E. 3/8″×7/16″ WHIT		,,	1	1	4
162	1C/2249	D.E. 7/16″×1/2″ WHIT		,,	1	4	8
163	1C/5029	D.E. 1/2″×9/16″		,,	1	5	4
164	1C/5030	D.E. 5/8″×3/4″		,,	1	4	8
165	1C/5531	D.E. 11/16″×13/16″		,,	1	4	8
166	1C/5024	Box D.E. 7/16×3/8 BSW		,,	1	1	..
167	1C/5841	Box D.E. 2BA×4BA		,,	1	1	..
168	1C/5579	Box D.E. 0 BA×2 BA		,,	1	1	..
169	1C/5358	Folding		,,	1	1	..
170	1C/2298	Squares, fitters, Grade 4″	C/W cases wood Ref. 5623.	,,	1	1	1
171	1C/2407	STOCK Drill hand		,,	1	1	..
172	1C/6060	Die stock, screw cutting 3/16 inch.		,,	1	..	..
173	1C/6061	Die stock, screw cutting 1-5/16″		,,	1	..	..
174	1C/2438	Syringes Oil		,,	1	..	2
175	1C/2601	VICE, Fitters 3¼″ Jaws.		,,	1		1
176	1C/2615	VICE, Hand 8 ozs.		,,	1		..
177	1C/2368	Stamps figure sets		Set	1	1	..
178	1C/2374	Stamps letter sets		,,	1	1	..
179	1C/5032	Tapes measuring linen 50 ft.		EA.	1	1	..
		DIES, SCREW CUTTING BA THREAD, R. H.					
180	1C/3280	No. 0		,,	1	..	..
181	1C/2464	No. 2		,,	1	..	..
182	1C/2465	No. 4		,,	1	..	..
183	1C/3284	No. 6		,,	1	..	..
184	1C/3286	No. 8		,,	1	..	..
185	1C/3288	No. 10		,,	1	..	..

1	2	3	4	5	6	7	8
		BSF THREAD R.H.					
186	1C/2468	1/4″		EA.	1	..	..
187	1C/2469	5/16″		,,	1	..	..
188	1C/2470	3/8″		,,	1	..	..
189.	1C/3345	7/16″		,,	1	..	..
190	1C/2471	1/2″		,,	1	..	..
		PLATE GUAGE TAPPING BA THREAD					
191	1C/5337	Sets 0 to 10		,,	1	..	..
		TAPS, SCREW CUTTING B.A. THREAD R.H.					
192	1C/3299	No. 0		,,	1	..	..
193	1C/3301	No. 2		,,	1	..	..
194	1C/3303	No. 4		,,	1	..	..
195	1C/3305	No. 6		,,	1	..	..
196	1C/3307	No. 8		,,	1	..	..
197	1C/3309	No. 10		,,	1	..	..
		TAPS, SCREW, CUTTING BSF THREAD R.H.					
198	1C/3350	1/4″		,,	1	..	..
199	1C/3355	5/16″		,,	1	..	..
200	1C/3357	3/8″		,,	1	..	..
201	1C/3359	7/16″		,,	1	..	..
202	1C/3362	1/2″		,,	1	..	..
		SECOND BSF THREAD R.H.					
203	1C/3351	1/4″		,,	1	..	..
204	1C/3356	5/16″		,,	1	..	..
205	1C/3358	3/8″		,,	1	..	..
206	1C/3360	7/16″		,,	1	..	..
207	1C/3363	1/2″		,,	1	..	..
		TAPAR BA THREAD R.H.					
208	1C/3321	No. 0		,,	1	..	..
209	1C/3323	No. 2		,,	1	..	..
210	1C/3325	No. 4		,,	1	..	..
211	1C/3327	No. 6		,,	1	..	..
212	1C/3329	No. 8		,,	1	..	..
213	1C/3331	No. 10		,,	1	..	..
		TAPER BSF THREAD L.H.					
214	1C/2474	1/4″		,,	1	..	..
215	1C/2475	5/16″		,,	1	..	..
216	1C/2476	3/8″		,,	1	..	..
217	1C/3361	716″		,,	1	..	..
218	1C/2477	1/2″		,,	1	..	..
219	1C/6063	Wrenches tap		,,	1	..	..
220	1C/6064	Wrenches tap		,,	1	..	..
221	1C/2151	SAW Tenon 14″		,,	2	..	..
222	1C/2146	SAW Hand 26″		,,	1	..	..
223	1C/2131	SAW Dove tail 9″		,,	1	..	..
224	1E/3596	ANVILS Stock		,,	1	1	..
225	1E/3604	Branches Armourer Bits reamer		,,	1	1	..
226	1E/3607	Stock bolt		,,	1	1	..
227	1E/5135	Cans, reservoir, mixture.		,,	1	1	..
228	1E/5137	Clams, Copper		,,	2	2	2
229	1E/5197	Cutters inlet valve.		,,	..	1	..
230	1E/3611	DRIFT No. 1.		,,	2	..	..
231	1E/3612	DRIFT No. 2.		,,	2	..	..
232	1E/3614	DRIFT No. 3.		,,	2	..	..
233	1E/3615	DRIFT No. 4.		,,	1	..	..
234	1E/5122	DRIFT No. 6.		,,	2	..	..

1	2	3	4	5	6	7	8
235	1E/5124	DRIFT No. 8.		EA.	1	..	..
236	1E/3618	Floats, Small		,,	1	..	..
237	1E/5136 or 1E/5243	Funnels, Barrel cleaning.		,,	1	..	1
238	1E/5173	Implements, Loading.		,,	3	..	3
239	1E/1552	Mallets, raw hide.		,,	2	1	..
240	1E/5126	Punches, Armourer No. 3 Mk. 1		,,	2	..	..
241	1E/5109	Adaptor.		,,	2	..	..
242	1E/3664	Tester Trigger		,,	1	1	..
243	1E/3657	Tool WAD		,,	1	..	..
244	1E/3646	Tool foresight punch		,,	1	..	..
245	1E/3639	SCREW DRIVER Forked No. 1.		,,	1	..	..
246	1E/3638	SCREW DRIVER Forked No. 2.		,,	1	..	..
247	1E/3637	SCREW DRIVER Forked No. 3.		,,	1	..	..
248	1E/3636	SCREW DRIVER Extractor		,,	1	..	1
249	1E/3705	Oil Stone Slip		,,	1	..	1
250	1E/5031	Sticks		,,	1	1	2
251	1E/3647	TOOL BORE Bits		,,	1	..	..
252	1E/3649	TOOL BORE Bushes		,,	1	..	..
253	1E/3629	TOOL BORE Plugs		,,	1	..	..
254	1E/5000	TOOL BORE Rods		,,	1	..	..
255	1L/197	SPANNER Torque	For Units holding 20 mm. B.F.Ms. only.	,,	2	5	..
256	1L/198	SPANNER Socket	Do.	,,	2	5	..
		MACHINES DRILLING ELECTRIC.					
257	3A/749 or	200-220 volts Type E		,,	1	..	..
258	3A/883	230-250 volts Type X		,,			
259	3A/2180	Grinding Electric Bench		,,	1	..	..
260	3A/2164	Pistol Paint Spraying		,,	1	..	..
261	303A/C. 210-1250	MACHINES Lathe Centre type 210 mm, 1250mm, HMT	(a) for 2, 3, 4, 5, 6, 7, 9 AT W, Armt. Conversion Unit, Avadi & Armt. Servicing Group AFD, Bangalore only.	,,	1 (a)	..	..
262	303A/P.P.2	Drilling Pillar Power 2″ capacity		,,	1 (a)	..	..
263	4A/2294	Rig, setting & testing torque.		,,	2	..	..
264	4A/1239	Tanks, component washing.		,,	1	..	..
265	4A/1652	Rasps, rat tail		,,	2	..	..
266	4B/240	Flags, Red 6′×6′	(b) each for 25 yds. long, grenade ranges & stop-butts.	,,	1 (b)	..	..
267	4B/241	Flags, Red 4′×3′	(c) 5 each for 25 yds. range, 6 each for long ranges, 4 each for grenade ranges & 2 each for stop-butt.	1 ,,	1 (c)	..	..
268	4B/244	Poles 10′	(d) 1 per flag held	,,	1 (d)	..	..

1	2	3	4	5	6	7	8
269	4D/437	Cabinets, tally cards standard type A.		EA	1	1	..
270	4D/	Racks, storage ground equipment		,,	2	1	..
271	5A/3392	Torches electric type P.	(e) 1 each per post for ranges.	,,	1[e]	..	..
272	5A/3391	Torch hand	(f) Per armoury, sub armoury & adapted building.	,,	1[f]	..	..
273	5A/3187	Cells, Torch		,,	2[f]	..	..
274	5A/2214	Testers, Bomb rack	(g) Per 50 A/C	,,	2[g]	1	..
275	6B/117	Watches, Stop Mk. 3		,,	1	1	..
	or						
276	6B/221	,, ,, ,,					
277	6B/320	Binaculars, prismatic No. 2 TPL Mk. 3.		,,	2	..	..
278	7A/2821	BRUSHLS Cleaning Magazine		,,	2	..	..
279	7A/2822	Rod cleaning cylinder		,,	2	..	..
280	7A/2835	Cleaners, gas regulator		,,	1	..	..
281	7A/2832	Cans Oil MG Mk. 3		,,	2	..	..
282	7A/2829	Tools, combination Mk. 1		,,	2	..	..
	or						
283	7A/2830	,, ,, Mk. 2.					
284	7A/2823	Gauges, firing pin protrusion No. 3 Mk. 1.		,,	1	..	..
285	7A/2873	Do.		,,	1	..	..
286	7A/2824	Mops, rod cleaning cylinder		,,	2	..	..
287	7A/2825	Plugs cleaning point. 303″		,,	2	..	1
288	7A/2826	Pull Thro double Mk. 1		,,	4	..	..
289	7A/2831	Tool removing fouling		,,	1	..	1
290	7A/2827	Rods cleaning cylinder		,,	2	..	..
291	7A/2828	Rods cleaning Mk. 5			6	..	1
292	7B/135	Rods cleaning		,,	2	..	..
293	7B/1664	GAUGE Concentricity chamber		,,	1	..	..
294	7B/1665	GAUGE Diameter Barrel Bore ·352 accept.		,,	1	..	..
295	7B/1666	GAUGE Diameter Barrel Bore ·358 reject.		,,	1	..	..
296	7B/1667	GAUGE Diameter Barrel Front ·364 reject		,,	1	..	..
297	7B/1669	GAUGE Diameter Barrel rear ·392 reject.		,,	1	..	..
298	7B/1668	GAUGE Diameter Barrel front & rear (accept)		,,	1	..	..
299	7B/1671	GAUGE Plug, assembled		,,	1	..	..
300	7B/1673	GAUGE Slip, 0.70 in Mk. 1		,,	1	..	..
301	7B/1668	Tool, cleaning		,,	1	..	..
302	7B/P1	Front casing swaging punch		,,	1	..	..
303	7B/M1	,, ,, mandrel		,,	1	..	..
304	7B/2270	Gauges plug 250 Mk. 1.		,,	1	..	..
305	7B/2271	,, strike protrusion 0.05/0.06		,,	1	..	..
306	7B/1653	Gauges functioning magazine		,,	1	..	..
307	7B/1654	Gauges plug bore H. 351 in.		,,	1	..	..
308	7B/1699	Brushes, cleaning		,,	1	..	..
309	7B/1705	Cleaners		,,	1	..	..
310	7B/1701	Gauge guide muzzle		,,	1	..	..
311	7B/1702	Jugs		,,	1	..	..
312	7B/1703	Rods cleaning		,,	1	..	..
313	7B/1704	Rods cleaning 6K		,,	1	..	..
314	7B/1700	Gauge striker point protusion		,,	2	..	..
315	7B/1675	Tool extractor spring No. 1		,,	2	..	..
316	7B/1697	Tool extractor spring No. 4		,,	2	..	..
317	7B/1713	Tool foresight adjusting No. 3		,,	2	..	..
318	7B/1693	Tool foresight crampt No. 1		,,	2	..	..
319	7B/1694	Tool foresight crampt No. 3		,,	2	..	..

1	2	3	4	5	6	7	8
320	7B/1677	Gauges, 0.064 No. 1		EA	1	..	1
321	7B/1678	Gauges 0.074 No. 1		,,	1	..	..
322	7B/1679	Gauges lead No. 2		,,	1	..	1
323	7B/1680	Gauges .301″		,,	2	..	..
324	7B/1681	Gauges .303″ (short)		,,	1	..	1
325	7B/1682	,, .305″		,,	1	..	..
326	7B/1683	,, .306″		,,	1	..	1
327	7B/1684	,, .307″		,,	1	..	1
328	7B/1685	,, .308″ No. 2		,,	1	..	1
329	7B/1686	,, .310″		,,	1	..	1
330	7B/1687	,, stock bolt		,,	1	..	..
331	7B/1688	Gauges striker Point protrusion No. 4		,,	2	..	..
332	7B/1657	Handles plug bore 5637		,,	1	..	..
333	7B/1690	Rods, Plug gauge Mk. 3		,,	2	..	..
334	7B/1695	Tool, guard hand		,,	1	..	..
335	7B/B000	Tool removing & installation Ejector spring.	(*h*) to be locally manufactured.	,,	1[h]	..	..
336	7B/B111	Removing & installing		,,	1[h]	..	..
337	7B/1674	Implement action No. 1 Mk. 2		,,	2[h]	..	..
338	7B/1691	Rods cleaning No. 1		,,	6	..	..
339	7B/1692	,, ,, No. 4		,,	6	..	..
340	7B/1676	Strikers No. 2		,,	1	..	..
341	7B/1698	,, No. 2 Mk. 2			1	..	..
342	7B/1696	Tool removing foresight screw		,,	1	..	..
343	7B/224	Gauges		,,	12	2	..
344	7B/225	Weights		,,	2	2	..
345	7B/1790	Rod armourer gauge		,,	1	..	..
346	7B/1689	Handle plug gauge		,,	1	..	..
347	7G/1348	Apparatus testing spring driving		,,	1	1	..
348	7G/1377	Tool removing driving spring		,,	1	1	..
349	7G/1488	Tool inserting driving spring		,,	1	1	..
350	7G/1367	Tool assembling ratchet paul		,,	1	1	..
351	7G/1489	Drifts inserting driving spring		,,	1	1	..
352	7G/1473	Gauges belt guide LH&RH		,,	1	..	..
353	7G/1374	Gauges belt guide LH&RH		,,	1	..	..
354	7G/1375	Gauges Cart & Bullet way Jig		,,	1	..	..
355	7G/1376	Gauges Cart & Bullet way reamer		,,	1[j]	..	..
356	7G/1369	Gauges G. H. 20 MM BFM Main Shaft 0.06 No. 90.		,,	1	..	..
357	7G/1370	Gauges G. H. 20 MM B.F.M. 0.068 No. 90.		,,	1	1	..
358	7G/1388	Tool Holders retaining driving spring.		,,	1	1	..
359	7G/1349	Testing Fixtures		,,	1	1	..
360	7G/1434	Spanners Testing Belt Feed		,,	1	1	1
361	7G/1439	Adaptor Instrument Aligning		,,	1	..	1
362	7G/1435	Bracket Spring Anchorage		,,	1	1	..
363	307G/NIV	Breech Stoppage		,,	18	..	..
364	7G/1355	Clamps Barrel	(j) For R. & M.D. only.	,,	1[j]	..	..
365	7G/1350	Tool Compressing Magazine Catch Spring.		,,	1[k]	..	4
366	7G/1438	Die Nuts		,,	2[k]	..	..
367	7G/1320	Drift No. 10.		,,	2[k]	..	..
368	7G/1319	Tool Recoil reducer Assembly		,,	1	..	1
369	7G/1470	Weights 10 lbs.		,,	1	..	..
370	7G/1415	Weights 9 lbs		,,	1	..	..
371	7G/1416	,, 24 lbs.		,,	1	..	..
372	7G/1394	Lever 20 in. Assembly		,,	1	..	..
373	7G/1447	Spanner Ratchet		,,	1	1	..
374	7G/1325	Gauge Breech Block Guide		,,	1	1	..
375	7G/1323	Gauge Firing Pin Protrusion		,,	1	1	1
376	7G/1440	Gauge Mk. 2		,,	1	1	1

1	2	3	4	5	6	7	8
377	7G/1365	Gauge Pin Firing Mk. 3.		EA	1	1	..
378	7G/1339	Gauge Plug and Adaptor		,,	1	1	..
379	7G/1366	Gauge Plug Firing Pin Hole		,,	1	1	..
380	7G/1324	Gauge Plug Unlocking Plates		,,	1	..	..
381	7G/1383	Gauge Slip.		,,	1	1	..
382	7G/1326	Gauge Slip wear detecting.		,,	1	1	..
383	7G/1445	Instrument gun aligning		,,	1	..	1
384	7G/1379	Pig Assembly No. 2 Buffer Unit		,,	1	1	..
385	7G/1378	Plug Shell Ejector		,,	1	..	1
386	7G/1423	Rig Test B.F.M.		,,	1	1	..
387	7G/1318	Tool Return Spring Rod Assembly.		,,	1[k]	..	4
388	7G/1340	Rods Cleaning Chamber		,,	3[k]	..	3
389	7G/1343	Brushes Wire Chamber		,,	3[k]	..	3
390	7G/1341	Brushes Wire Chamber No.C. K.		,,	3[k]	..	3
391	7G/1342	Mops Chamber		,,	3[k]	..	3
392	7G/1351	Boxes Storage		,,	2	..	2
393	7G/1344	Brushes Wire Barrel Mk. 2.	(k) Qty. per 6, 20 mm Hispano guns held.	,,	1[k]	..	4
394	7G/1345	Handles MK. 3		,,	1[k]	..	4
395	7G/1336	Loops MK. 2		,,	1[k]	..	4
396	7G/1335	Mops Barrel		,,	2[k]	..	8
397	7G/1346	Section MK. 3		,,	1[k]	..	4
398	7G/1317	Tool Sear Buffer Spring Assy.	(X) For Vampire Sqdns. only	,,	1[k]	..	1X
399	7G/1332	Tool Sear Buffer Spring Clamping MK. 2.		,,	1[k]	..	1X
400	7G/1368	Spanner Buffer Housing Cap No. 2.		,,	1[k]	..	2
401	7G/1478	Spanner Gas Plug MK. 3		,,	1[k]	..	4
402	7G/1372	Spanner Eccentric Inner		,,	1	..	2
403	7G/1371	Spanner Eccentric Outer		,,	1	..	2
404	7G/1388	Struts Magazine Catch Lever		,,	1	..	4
405	7G/1352	Spanner Muzzle Nut		,,	1[k]	..	4
406	7G/NIV	Gauge Return Spring Length		,,	1	1	..
407	7G/1351	Boxes		,,	1	1	..
408	7G/1333	Tools Unlocking Breech and compressing Magazine Spring MK. 2.					
409	7G/1321	Vices Break up		,,	2[k]	..	4
410	7G/1337	Wrenches securing Piston		,,	1[k]	..	2
411	7G/1330	Spanner Return Spring Guide MK. 2.		,,	1[k]	..	4
412	7G/1436	Spanner Return Spring Guide MK. 3.		,,	1[k]	..	4
413	7G/1331	Spanner Sleeve Buffer Spring MK. 2.		,,	1[k]	..	4
414	7G/NIV/63	Water Proof Covers	(l) Per Gun mounting held.	,,	1[l]	..	1
415	7H/2139	Tools Combination		,,	1	..	1
416	7H/2140	Firing Pin Protrusion		,,	1	..	1
417	7H/2120	Gauge Sear Depth					
418	7H/2134	Instrument Gun Aligning Type C.		,,	..	..	2
419	7H/2136	Spanner 'C'		,,	1	..	..
420	7H/2138	Spanner Eliminator Flash		,,	1	..	..
421	7Q/33	Browning M. G. ·303 in. Adaptor.		,,	1	..	1
422	7Q/51	Adaptor Instrument aligning Side View.		,,	1	..	2
423	8C/2240	Debelting Machine		,,	1	.	..
424	8C/2318	Debelting Machine		,,	1	1	..

1	2	3	4	5	6	7	8
425	8D/2919	·50″ Rods Cleaning Flexible		EA	2	1	..
426	8D/2726	Tools Edge Water Adaptor		,,	1	..	1
427	8D/2673	Gauge Barrel Bore ·501 in.		,,	..	1	..
428	8D/2674	Gauge Handles Bore ·501 in.		,,	..	1	..
429	8D/2645	Breech Block Slip width 'H' Cartridge way and timing.		,,	1	..	1
430	8D/2753	Gauge Firing Pin Hole		,,	1	1	..
431	8D/2750	Handles Flexible		,,	1	..	2
432	8D/2828	Oil Buffer Stripping		,,	1	..	2
433	8D/2730	Taps Edge Water Adaptor		,,	1	1	..
434	8D/NIV/K	Key Manual Operating Maxi-flux.		,,	2	3	..
435	108D/47	Brushes Cleaning Brass		,,	1	..	4
436	108D/63	Cans Oil Buffer Filling		,,	1	..	1
437	108D/45	Chests Armourer Tools		,,	1	..	2
438	108D/102	Extractor Ruptured Carts		,,	1	..	1
439	108D/105	Extractor Ruptures Carts		,,	1	..	1
440	108D/NIV/K1	Kits Gun Bore Sight Type J. 1		,,	1	..	..
441	108D/NIV/K2	Kits Gun Bore Sight Type J. 2		,,	..	1	..
442	14A/1443	Units Harmonization		,,	1	1	1
443	21C/NIV/77	Iron Safe Large		,,	1	..	..
444	21C/1577	Flasks Vacuum		,,	2	..	..
445	21C/1318	Hurricane Lanterns	(m) Per chowkidar per Post for tanges.	,,	1m	..	..
446	22B/3 or 66	Eye shield antigas		Prs.	2	..	..
447	22B/NIV/30 × 18	Flags Yellow 30″ × 18″		EA	16	..	..
448	22B/NIV	Jackets Yellow		,,	4	..	..
449	22H/NIV/A/574	Arm Bands		,,	1m	..	..
450	23B/10	Whistles		,,	1m	..	..
451	26B/NIV/L/575	Lathies		,,	1m	..	..
452	29/1277	Pad Lock Iron 1½″-		,,	..	..	1
453	29/2067	Pad Lock Iron 2″ Special	(n) Per Rack and Cupboard held.	,,	1n	1	..
454	29G/NIV/514	Pad Locks Special Godrej 2½″	(p) One per each room where arms and ammunition are stored. One per each room where explosives are stored.	,,	1p	..	..
455	32C/58	Tubing General Purposes 3/8″		,,	2	..	..

AIRHQ/27507/4/ARM Pt. Case 1.

GIPN—S2—6 I. A. F./65—24-5-67—2,860.

Controller General of
RECEIVED
23 SEP 1975
7346
New Delhi

[illegible]

AMENDMENT LIST NO. 18 TO IAP 1503 C - "SCALE OF INDIAN AIR FORCE EQUIPMENT PART 'C' CLOTHING NECESSARIES AND ACCOUTREMENTS".

In Scale C-3(ii) on Page 18, against Ref. No. 116, under Column "Remarks" after A.O.C. Commands, Add the following :-

"A.O.A.
A.O.M. "