Declassified E.O. 12356 Section 3.3/NND No. 785021

ACC AC/TN/R/95 10000/148/2629

Declassified E.O. 12356 Section 3.3/NND No. 785021

10000/140/2629 MATERIALS REQUISITIONED
DEC. 1944-FEB. 1945

Declassified E.O. 12356 Section 3.3/NND No. 785021

S E C R E T

R/75
Copy R/1

HEADQUARTERS ALLIED COMMISSION
APO 394
TRANSPORTATION SUB-COMMISSION

NHT/hl

Tel : 220 540/12/TN 1

SUBJECT : Trucks for Northeast Italy

TO : Road Division.

1. Provision was made by AFHQ for calling forward 1,000 3-ton trucks for Northeast Italy, if required.

2. These trucks are in addition to the 1,700 trucks now being delivered and 2,000 trucks on order for Northwest Italy.

2108

3. After conference with Col. Butterworth, G-5, AFHQ, it was decided that a proper requisition should be submitted thru channels in order to procure this additional 1,000 trucks for Northeast Italy.

4. Please prepare necessary requisition in connection with these trucks in coordination with Planning Staff.

MERRITT H. TAYLOR,
Director

1069

Declassified E.O. 12356 Section 3.3/NND No. 785021

SECRET

AFHQ, G-5 Section 5 1

AG-080-02-45 13 February '45 SECRET

Venice or Trieste - Transportation Subcommission, Allied Commission.

F. W. SOOEY
Major, R. A.
Chief, Requisition Branch
Supply & Resources Division

L. D. MORGAN
Colonel, F. A.
Acting Vice President
Economic Section

TRUCKS - 5 ton capacity complete w/boom, tarpaulins and spare parts to scale. ea None None 1,000

NOTE - Heavy duty trucks of maximum capacity available are requested. Dodge 2½ ton 6 wheel drive are preferred.

2107

//////////////////////// L A S T I T E M ////////////////////////

JUSTIFICATION:

Items requested in this requisition are for covering transportation requirements for Northeast Italy as defined in Appendices.

A. Nature of requirements - The vehicles are necessary for conveyance of essential supplies in Northeast Italy that come within the scope of the disease and unrest formula.

B. Basis for estimate of requirements.

1. Population -

a. The population is approximately 6,100,000. This figure includes 993,660 in VENEZIA GIULIA sub-region.

2. Ports -

a. VENICE

b. TRIESTE (doubtful)

SECRET

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It is expected that the latter port will be used exclusively by 8th Army for military purposes and only limited facilities made available for AG/ACC supply purposes. Essential supplies for Austria and Yugo-Slavia will also be passed through Trieste, Fiume and Susak. It is therefore estimated that 5/6 of the essential requirements for this region will pass through VENICE and 1/6 through TRIESTE.

3. Railways -

a. BOLZANO-BRENNER line. It is anticipated this will be used exclusively for military traffic.

b. VENICE-TRIESTE line. A non priority repair line.

c. OTHERS. For an indefinite period following occupation all other lines in the Region are expected to be unusable.

4. Civil Transport (Motor) -

a. Estimated civilian transport available in this Region approximately 10% of total tonnage required.

5. Estimated tonnage of Civil Supplies Required.

	Monthly (tons)
Flour	21,000
Sugar	800
Salt	1,200
Dry veg	2,000
M. & V.	800
Milk	460
Soap	600
MED Supplies	241
	27,101

6. Traffic Statistics.

a. Area - 3415 sq. miles.

b. Population Concentration - Mainly along coastal areas and in Po valley.

c. Main Hauls - Considerable distances must be covered between VENICE and TRIESTE and the distributing centers, i.e. the Provincial capitals.

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Declassified E.O. 12356 Section 3.3/NND No. 785021

d. Table of distances and populations in re provincial Capitals and supply ports.

PROVINCIAL CAPITAL

IN VENETIA	Population	Dist. in kms.
Venice	675,397	
Belluno	222,697	107
Padua	676,355	37
Rovigo	537,767	79
Treviso	590,395	29
Udine	759,290	130
Verona	603,514	120
Vicenza	561,913	70
Trento	395,257	153
Bolzano	275,776	213

IN ISTRIA

Pisino	320,864	-
+ Capodistria	109,061	77
Gorizia	205,795	44
+ Istria	307,983	120

+ It may be possible to supply direct to these provinces by sea via Fiume and Pola.

2166

7. Special Subsidiary pools not available for general transport assignments.

a. Port Clearance Pool.

b. Redistribution Pools attached to Provincial depots.

8. Truck Requirements.

a. Port Clearance 120

1. Venice.....100

2. Trieste..... 20

b. Haulage to Provincial Warehouse and redistribution throughout the Province. 1,200

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SECRET

c. 15 per cent additional vehicles to replace those off road for maintenance 198

Total 3 ton trucks.....1,518

The above figures are computed as follows:

Monthly supply tonnage.....27,101
Number of lifts necessary..... 3

1. Port to Regional Warehouse.
2. Reg. Warehouse to Province.
3. Provincial Warehouse to distribution centers.

Total monthly tonnage.....81,303
Total daily handling tonnage..... 2,710
Daily tonnage per lift..... 903
Trucks needed for first lift..... 120
Trucks needed for second and third lifts
1,800 tons x 100 (length of haul). Daily
ton mi- 180,000
1,800,000 x 2 (to include return haul) 1,200
3 tons (capacity) x 100 (mi per day)

Estimated maintenance replacements -
15 per cent 198

Total 3 ton trucks 1,518

These figures assume the following:

a. Trucks supplied are in condition to operate with 3 ton loads over all types of roads.

b. That the vehicles can be loaded and unloaded and average 100 miles per day.

c. That the vehicles will carry fuel in excess of regional requirements to operate the supply trucks themselves.

d. That incidental and miscellaneous supplies i.e. tobacco clothing etc, can be accomodated in conjuction with the food tonnage.

9. Remarks - The 1,000 trucks requisitioned will not fulfill the transport requirements for Northeast Italy.

SECRET

1073

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However it is expected that the deficiency will be made up by the utilization of civilian vehicles and the release of AC/ANZ trucks from long occupied and more stabilized regions.

FINAL TOTAL: 3 ton trucks..... 1,000

RATING: IX

//////////////////////// END OF REQUISITION ////////////////////

2165

1074

Declassified E.O. 12356 Section 3.3/NND No. 785021

Phone 357

GF/mg

SECRET

file

R/75

HEADQUARTERS ALLIED COMMISSION
APO 394
Requisition Branch

In reply
refer to:
RD-400/167

21 January 45

SUBJECT: Civil Supplies - Shipment.

TO : Director, Transportation Subcommission, Allied Commission.

1. Information has been received that the following item has been scheduled for delivery on shipment No. UGS-65:

a. Item: Truck, parts

b. Amount: 11 DWT

c. Port: Naples (Scheduled, not firm)

d. Ship: BA-681 (Frances Morion)

2164

e. Requisition Data:

AC No.	: 16-ORD-GEN-44	Dated:	17 May 44
AFHQ No.	: MGS-194-ORD	Dated:	20 Aug 44
Shipping No.	: ORDIV-TOG-126		

f. Purpose for which requisitioned (Note: Civil Supplies from overseas will not be diverted from the project or purpose for which they were originally ordered): "Civilian Transportation".

2. You are requested to contact the Shipment, Port and Warehousing Division of Transportation Sub-Commission to arrange receipt and disposition of these materials. Use shipment number, vessel number, and vessel name in referring to this shipment.

3. It is requested that receipt of above item be acknowledged by letter.

HARLAN CLEVELAND
Executive Director
Economic Section

cc: Shipment, Port & Whsing Div:
Price Control Div, Economic Section.

APPROVED:

F.W. Tooby
Major, R.A.
Chief, Requisition Branch
Supply & Resources Division.

SECRET

1075

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RHK/

R/25 File Chd.

SECRET

HEADQUARTERS
ALLIED CONTROL COMMISSION
SHIPMENT, PORT & WAREHOUSE DIVISION
TRANSPORTATION SUB-COMMISSION
A.P.O. 394

Ref: W/65/97/TN6

Date 18 Jan 45

SUBJECT: *Imports - Disposition*

TO : Officer in Charge Alcom Depot 12L50,Leghorn(Att.Capt.Boyd)

Copy to:
ALCOM Port Liason Officer Depot 676,Naples(Att.Maj.Marks)
Trans.S/C(Att.Col.Carnes) - Tn.S/C(Att.Capt.Peterson)
Tn.S/C(AttCapt.Syatt)

1. Convoy Number UGS 65 Ship Number 681 Ship Name FRANCIS MARIAN
2. Expected Port of Unloading LEGHORN
3. Expected Arrival Date 24 Jan 45 (not firm)
4. Follow instruction in para 5(c).
5.

2163

(a) Description	(b) Quantity per Manifest	(c) Instruction for Disposition
Trucks,cased TOG 106 Tn.S/C (4 cases)	11 Tons	[illegible] - Depot 4L-55 (P.B.S. Assembly plant)

Ship will not discharge at Naples as previously advised.

ROBERT H. KLEIN, Capt., MAC, for
D. S. ADAMS, Colonel, C.E.
Director, Transportation Sub-Commission

One Copy sent to Capt. Peterson. Chd. 19/1.

1076

Declassified E.O. 12356 Section 3.3/NND No. 785021

COPY

Lieutenant General Sir Brian H. Robertson,

Chief Administrative Officer

Allied Force Headquarters

A. P. O. 512

File
CAP.
WP.

Rear Admiral Ellery W. Stone
U.S.N.R.
Chief Commissioner
Headquarters Allied Commission

10th January 1945

My dear Admiral,

Since receiving your letter of the 29th December 1944, I have made enquiries into the requisitioning of transport for A. C. needs.

It is quite true that the demand for 1,700 vehicles made in LAC 51 of 20th August, 1944 was for the area North of the Pisa-Rimini line but the change from "South of the line" was occasioned by the fact that Washington had agreed to supply tyres and tubes for the 3,000 indigenous vehicles which have been found in Central Italy. I am informed that this change was agreed by Transportation Sub-Commission, A.C.

However, it appears to be well understood now that the 1,700 vehicles coming forward will be committed to North West Italy and that in addition a further 2,000 will be required, each capable of a 3 ton lift, or alternatively sufficient vehicles to ensure a 6,000 ton lift. You should bear in mind, however, that the precise area in which these vehicles will be used will depend on the operational picture at the time when they arrive.

9462

Mr. Villa, as you know, has spent several days here and left for Washington on 5th January 1945. He has taken with him the necessary requisitions for:

(a) 2,000 trucks 2½/3 tons) For North West Italy
200 Cars ¼ ton or 2 str)

(b) 35 Cars ¼ ton or 2 str) For administration of
200 Motor-cycles) present AC Transport

(c) Raw Materials for tyre repairs in existing plants

(d) Raw materials for new Tyre Repair and Retreading Plant at Tivoli.

All action has, therefore, been taken by this Headquarters to place the demands for the supplies you need and a Staff Officer from G-5 Section is accompanying Mr. Villa to Washington.

Yours sincerely,
/s/ B. H. Robertson

1071

Declassified E.O. 12356 Section 3.3/NND No. 785021

COPY

ES/15.07 29 December 1944

Dear General:

I have received a cable from the U. S. Department of State in Washington requesting Mr. Anthony Villa of this Headquarters to proceed urgently there with a revised requisition of AC Transportation requirements in Northwest Italy.

Mr. Villa will go immediately to AFHQ to have the requisition for 2,000 3-ton vehicles concurred in by your Headquarters.

It would appear opportune for me to explain the AC position on transportation requirements in Italy.

In May of 1944 a requisition was submitted by this Headquarters for 2,000 3-ton vehicles to be used in Central Italy up to the Pisa-Rimini line.

6 August this requisition was revised downward to 1,700 3-ton trucks in view of the quantity of civilian vehicles found in Rome. In the same letter AC requested to be advised at the earliest if requisitions were to be submitted for the North.

20 August LAC airgram 51 was sent to the CCS requesting the 1,700 3-ton trucks be for north rather than south of Pisa-Rimini. AC did not receive a copy of the airgram until some time after it had been dispatched. 2101

You will note from the copy of the airgram that on the basis of the justification used by AC for south of the Gothic line it was deduced by AFHQ that 4,796 3-ton trucks would be required north of the line.

The airgram then states, however, that the Allied Commission "have taken rather an optimistic view on the quantity of transport required and have submitted a reasonable and conservative estimate (1,700 load carrying vehicles)". AC was not consulted on this and did not take an optimistic view, but rather had a completely different area under consideration.

In November 1944 a new requisition was submitted to AFHQ, this time for north of the Gothic line. The number of vehicles requested was reduced by AFHQ to two-thirds of what AC considered the requirements to be.

Operational Planning, SAE, G-4, and G-5 determined that an airgram should be dispatched to the CCS requesting 2,000 3-ton trucks. In effect, LAC airgram 907 was sent, stating that formal requisition would follow.

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Declassified E.O. 12356 Section 3.3/NND No. 785021

In the meanwhile, it will be necessary to commit the 1,700 vehicles which are understood to be coming forward to the Northwest rather than in Central Italy where they are still required. As you are aware, the 1,700 turned out to be 1½ instead of 3-toners.

I have wished to make this position clear, in the first place for your information, and secondly, in the hope that there may be no delay in your Headquarters in obtaining concurrence on the formal requisition so that representation may be made to CCS of the urgent need of 2,000 3-ton vehicles for Northwest Italy.

Very truly yours

ELLERY W. STONE
Rear Admiral, USNR
Chief Commissioner

1 Incl: Cy Airgram

2100

Lieutenant General Sir Brian H. Robertson,
BT, KOVO, CB, CBE, DSO, MC
Chief Administrative Officer
Allied Force Headquarters
APO 512

1079

Declassified E.O. 12356 Section 3.3/NND No. 785021

WGP/hl

Office File copy

R/TS

File Chron.

HEADQUARTERS ALLIED COMMISSION
APO 394
Transportation Sub-Commission

Tel:
Our Ref: AC/R/75/Tn.2

17 January 1945.

FROM : Supply Section, Road Division

SUBJECT: Requisitions for Maintenance, Equipment, and Spare Parts.

TO : Col. Carnes

1. In re-consolidated requisition for maintenance equipment, supplementary to and including AC-ORD-49-45:

(a) The consolidated requisition has been taken personally to AFHQ by Col.Martino.

2099

(b) No notice was sent us by the requisitioning office because the requisition did not pass through normal channels.

(c) The requisition in Col.Martino's possession covers all requirements recommended for maintenance equipment following the survey made by Maj.Bruce and Capt. Shipton.

W Peterson

WARNER G. PETERSON
Capt. C.A.C.
Supply Section

Declassified E.O. 12356 Section 3.3/NND No. 785021

H.Q. Allied Commission
A.P.O. 394
Transportation Sub - Commission.

To:- Col. James J Carnes,
Deputy Director,
Transportation Sub Commission.

Subject :- Survey of A.C. Vehicle Maintenance and spare parts.

Capt W.F. Shipton and Capt. J.A. Stieber were assigned by A.F.H.Q.,M.T.O.U.S.A. to carry out a survey of requirements of maintenance equipment and spare parts for Allied Commission vehicles and make recommendations for their procurement.

At a conference held on 23rd October 1944 with the following present, Col. Carnes, Major D.T.D. Bruce, REME, Capt. W.H. Duenner, Capt. W.F. Shipton, Capt. J.A. Stieber, and Lieut. D.B.Ness,RAOC it was decided to form two teams.Major D.T.D.Bruce and Capt. W.F.Shipton to survey maintenance equipment requirements and Capt. J.A.Stieber and Lieut. D.B.Ness to survey the spare parts requirements.

A survey was first made of the Rome Area as to the maintenance facilities, the spare parts on hand and the installations which might be suitable for higher echelon maintenance and a central spare parts warehouse. On 28 Oct 44 it was recommended that the Fiat Garage in Rome was the most suitable for these purposes - it was also recommended that civilian tools and equipment be supplemented by additional W.D. tools and equipment. A survey of the Southern Region was begun on 30 Oct. The spare parts were found to be widely distributed and insufficient , and it was recommended that a completely new spare parts system be set up, with a central parts depot to regulate the flow of parts.

2668

Higher Echelon Maintenance was found to be carried out mainly by American Ordnance and British REME and it was recommended that lower echelon work be carried out in provincial garages and a shop be equipped at the U.T.C. Motor Pool Naples for third echelon repairs and " in vehicle overhaul".

On 17 Nov 44 the equipment deemed necessary for the Rome Area and the Southern Region was requisitioned .

On 20 Nov 44 a survey was begun of Regions V and VIII. Region V was found to be badly in need of 2nd Echelon Tools and some 3rd Echelon equipment to supplement the existing civilian equipment in the provincial garages. No recommendation was made at this time for this area as all existing facilities are at present being utilised by Army, however it was recommended that the Fiat Works at Florence be acquired as soon as possible. Equipment for establishing a 4th Echelon shop at this point will be needed and should be made available at once in order that A.C. can carry on its maintenance as Army moves out. The equipment necessary for Region V and the Provincial Garage at Sienna was requisitioned on 6 Dec 44.

A complete set of requisitions were prepared, based on the requirements of a 90 day period for all American W.D. Vehicles now under the control of A.C. It has been assumed that the 1700 trucks now being turned over to the Allied Commission will be accompanied by sufficient spare parts to maintain them over a 90 day period. Requisitions for spare parts after the initial three months period should include these latter vehicles in the basis. Any salvage vehicles received for the purpose of supplementing the spare parts stock should be deducted from the future requisitions for spares.

survey of requirements of maintenance equipment and spare parts for Allied Commission vehicles and make recommendations for their procurement.

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2668

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W.F. Shipton
W.F. SHIPTON.
CAPT. ORD.

J.A. Stieber
J.A. STIEBER.
CAPT. ORD

Declassified E.O. 12356 Section 3.3/NND No. 785021

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Declassified E.O. 12356 Section 3.3/NND No. 785021

Phone: EXT-357.

SECRET

Reqn.Div./GF/cl

R/75

HEADQUARTERS ALLIED COMMISSION
APO 394
Requisition Division

In reply
refer to:
RD-400/167

10 January 45

SUBJECT: Civil Supplies - Shipment.

TO : Director, Transportation Subcommission, Allied Commission.

1. Information has been received that the following item has been scheduled for delivery on shipment No. UGS-64:

a. Item: Trucks

b. Amount: 18 DWT (6 ea)

c. Port: West Coast of Italy (Not firm)

d. Ship: BA-669 (George H. Thomas)

e. Requisition Data:

AC No.	: 16-ORD-GEN-44	Dated:	17 May 44
AFHQ No.	: MGS-194-ORD	Dated:	20 Aug 44
Shipping No.:	ORDIV-TOG-126		

2097

f. Purpose for which requisitioned (Note : Civil Supplies from overseas will not be diverted from the project or purpose for which they were originally ordered): "Civilian Transportation".

2. You are requested to contact the Shipment, Port and Warehousing Division of Transportation Sub-Commission to arrange receipt and disposition of these materials. Use shipment number, vessel number, and vessel name in referring to this shipment.

3. It is requested that receipt of above item be acknowledged by letter.

Robert A. Martino
ROBERT A. MARTINO,
Lt. Col., SR. ORC,
Chief, Requisition Division.

cc: Shipment, Port & Whsing Div:
Price Control Div, Economic Section.

SECRET

Declassified E.O. 12356 Section 3.3/NND No. 785021

Seen Capt Peterson

CONFIDENTIAL

Regn.Div./GM/cl

R/75 File
Cwp.

HEADQUARTERS ALLIED COMMISSION
APO 394
Requisition Division

In reply
refer to:
RD-400/167

9 January 45

SUBJECT: Tire Manufacturing Material - Reqn No. AC-ORD-57-45.

TO : Director, Transportation Subcommission.

1. Reference is made to our letter RD-400/167 of 6 December relative to subject item and requisition.

2. This requisition has been approved by coordinating agencies of AFHQ and forwarded to CCAC, Washington, for action.

3. Copy of LAC Airgram 93, AFHQ Requisition No. MGS-250-ORD, covering this action is attached.

Robert A. Martino
ROBERT A. MARTINO,
Lt. Col., SR. ORC,
Chief, Requisition Division.

Incl: MGS-250-ORD (Triplicate)

2096

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

ALLIED FORCE HEADQUARTERS

LAC AIRGRAM 93, 7 January 1945

From : FHGEG (Concurred: FHGES, FHQAE)

To : Combined Civil Affairs Committee,
30-886 Pentagon Building,
Washington, D.C. (15 copies)

Subject: TIRE/TUBE PRODUCTION MATERIAL FOR PIRELLI PLANT, TIVOLI

Requisition No: MGS-250-ORD.

Ship to : See Delivery Instructions below, for Transportation Sub-Commission, Allied Commission. (The serial number of each consignment must include the letters TOG. Packages must be marked with standard approved markings of green dots on crossed white tape).

It is requested that the following items be approved, allocated and procurement initiated; and that AFHQ cite FHGEG be advised of action taken.

Item No.	Article	Unit	Required
1	Rubber, Natural	lbs.	41,964
2	Rubber, Synthetic	"	588,468
3	Carbon, Black, National	"	13,224
4	Difenilguanidine	"	1,456
5	Ureka H. R.	"	265
6	Naftolen Z.D. (Gesell)	"	8,595
7	Fabric, rayon cord for carcasses 52/3 twisted threads, maximum load on threads 18.70 lbs., tensile strength 12%, 90 threads per 4 inches square.	"	175,218
8.	Fabric, rayon cord, for external parts 52/3 twisted threads, maximum load on threads 18.70 lbs. tensile strength 12%, 70 threads per 4 inches square.	"	22,591
9.	Fabric, cotton, square, light American cotton, warp 120 threads per 10.76 sq.ft. (sq.mt.), thickness (0.75 mm).03 in., weight		

2055

Declassified E.O. 12356 Section 3.3/NND No. 785021

Subject: TIRE/TUBE PRODUCTION MATERIAL FOR PIRELLI PLANT, TIVOLI

Requisition No: MGS-250-CRD.

Ship to : See Delivery Instructions below, for Transportation Sub-Commission, Allied Commission. (The serial number of each consignment must include the letters TCG. Packages must be marked with standard approved markings of green dots on crossed white tape).

It is requested that the following items be approved, allocated and procurement initiated; and that AFHQ cite FHGEG be advised of action taken.

Item No.	Article	Unit	Required
1	Rubber, Natural	lbs.	41,964
2	Rubber, Synthetic	"	588,468
3	Carbon, Black, National	"	13,224
4	Difenilguanidine	"	1,456
5	Ureka H. R.	"	265
6	Naftolen Z.D. (Gesell)	"	8,595
7	Fabric, rayon cord for carcasses 52/3 twisted threads, maximum load on threads 18.70 lbs., tensile strength 12%, 90 threads per 4 inches square.	"	175,218
8.	Fabric, rayon cord, for external parts 52/3 twisted threads, maximum load on threads 18. 70 lbs. tensile strength 12%, 70 threads per 4 inches square.	"	22,591
9.	Fabric, cotton, square, light American cotton, warp 120 threads per 10.76 sq.ft. (sq.mt.), thickness (0.75 mm).03 in., weight 11½ ounces per 10.76 sq. ft. tensile strength one ton warp, one ton web, warp stretching 30%, web 16%, composition of twisting 14/3.	"	4,540
10	Fabric, cotton, square, heavy, (same as item 9) but twisting 14/6 with corresponding strengths.	"	5,600
11	Benzin	"	144,141
12	New Valve Stems, in sizes indicated, and suitable for new tire manufacture: 42 x 9, 38 x 9, 34 x 7, 32 x 6, 750 x 20	Ea.	23,980

2095

CONFIDENTIAL

S.G.M.A. - 544 - 1450 - 250.000

Declassified E.O. 12356 Section 3.3/NND No. 785021

CONFIDENTIAL

DELIVERY: Ship to DUKO a. Durable items to arrive by 1 March 1945.
b. Perishable items to arrive in 6 monthly shipments beginning 1 March 1945.

BASIS :

1. Items requested on this requisition are for the production of tires and tubes in Italy, for a six-month period.

2. An extensive survey has been made of the Pirelli plant located at Tivoli, Rome Province. This plant was constructed in 1941, with a production capacity of 200 tires and 200 inner tubes per day, and miscellaneous other rubber products.

3. As a result of bombings the plant suffered considerable damage. However, on the initiative of the management, work of reconstructing the plant began in July 1944, and it is assured that the plant can be made ready for production during February 1945, provided certain materials and equipment are made available.

4. Materials necessary for repairing damaged buildings are available from local sources and will be utilized for this purpose.

5. A monthly schedule of production has been established which is as follows:

Month	Tires	Tubes
First	800	800
Second	2,500	2,500
Third	3,500	3,500
Fourth	5,000	5,000
Fifth	5,000	5,000
Sixth	5,000	5,000
Total	21,800	21,800

6. An inventory has been made of raw material stocks on hand necessary for production of tires and tubes. These stocks have been frozen awaiting for delivery of supplies on this requisition in order to commence production.

7. There are set forth in the Table below statistics showing the materials and quantities necessary for manufacturing tires and tubes as indicated in Paragraph 6 above and the quantities now on hand.

Material	Total Requirements (Metric Tons)	Stocks on Hand (Metric Tons)
Natural Rubber	22	3.38
Synthetic Rubber	275.15	8.25
Carbon Black American Active	5.40	60.
Carbon Black National	16.16	10.
Zinc Oxide	---	90.
Calcium Carbonate	6.14	0.40
Talc	32.70	---
[illegible]	[illegible]	0.55

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3. As a result of bombings the plant [illegible] work of reconstructing damage. However, on the initiative of the management, the plant began in July 1944, and it is assured that the plant can be made ready for production during February 1945, provided certain materials and equipment are made available.

4. Materials necessary for repairing damaged buildings are available from local sources and will be utilized for this purpose.

5. A monthly schedule of production has been established which is as follows:

Month	Tires	Tubes
First	800	800
Second	2,500	2,500
Third	3,500	3,500
Fourth	5,000	5,000
Fifth	5,000	5,000
Sixth	5,000	5,000
Total	21,800	21,800

6. An inventory has been made of raw material stocks on hand necessary for production of tires and tubes. These stocks have been frozen awaiting for delivery of supplies on this requisition in order to commence production.

7. There are set forth in the Table below statistics showing the materials and quantities necessary for manufacturing tires and tubes as indicated in Paragraph 6 above and the quantities now on hand.

Material	Total Requirements (Metric Tons)	Stocks on Hand (Metric Tons)
Natural Rubber	22	3.38
Synthetic Rubber	275.15	8.25
Carbon Black American Active	5.40	60.
Carbon Black National	16.16	10.
Zinc Oxide	— —	90.
Calcium Carbonate	6.14	0.40
Talc	32.70	— — —
Baryte	0.23	0.55
Caolin	— —	4.
Sulphur (Super-Refined) 98/99%	10.02	—
Mercaptobenzotiazol	1.20	1.4
Mercapto Disulphide	— —	0.65
Vulcacite A. Z.	— —	1.10
Aldolalfanaftilammine	— —	2.25
Difenilguanidine	0.67	0.02
Esametilentetrammine	— —	0.04
Noezone D	— —	5.
Ureka H R	0.19	0.7
Stearic Acid	6.72	2
Naftolen Z D (Naftolen Gesell)	9.56	5.7
Colophony	1.2	1.5
Buna 32 (Buna Werke) (Molecular Weight 32.000)	1.8	

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Material	Total Requirements (Metric Tons)	Stocks on Hand (Metric Tons)
Coal Tar	-- --	1.3
Tar Oil	-- --	1.65
Norwegian Tar	-- --	0.09
Koresin (Conti S.A.)	0.08	0.17
Bitumen 80	0.04	0.47
Bitumen A Ser 140 (Bretner)	-- --	0.60
Paraffin	-- --	0.45
Dried Gas Tar	0.39	--
Rayon Cord Fabrics for Carcasses	83.	3.5
Rayon Cord Fabrics for External Parts	12.76	2.5
Square Cotton Fabric, Light American Cotton	2.12	0.06
Square Cotton Fabric, Heavy	4.54	2.
Benzin	65.40	--
Benzol	21.80	--

8. All items listed in Paragraph 7 except those for which procurement is requested are available locally. Sources of supply of the various items have been located and necessary procurement and transportation will be effected prior to initial production.

9. From equipment available, it is proposed to produce tires and tubes of the following sizes:

Tires	Inner Tubes
42 x 9	42 x 9
38 x 9	38 x 9
34 x 7	34 x 7
32 x 6	32 x 6
30 x 5	750 x 20
750 x 20	
600 x 20	
550 x 15	

2094

10. The Tivoli plant has sufficient fabricating equipment for the sizes listed in Paragraph 9 for a minimum of four months operation. However, it has been pointed out to the management that the following sizes are much more in demand and that effort should be made to produce them:

400 x 15	140 x 40	550 x 17
425 x 17	500 x 16	700 x 18
500 x 15	1275 x 20	210 x 20
600 x 16	350 x 19	270 x 20
600 x 18	15 x 45	1050 x 20
525 x 18	165 x 400	36 x 8

11. The Pirelli Company which operates the Tivoli plant has indicated that the sizes indicated in Paragraph 10 can be produced if it were possible to send a representative to their plant located at Manresa, near Barcelona, Spain, for the purpose of obtaining drawings and technical

Declassified E.O. 12356 Section 3.3/NND No. 785021

Rayon Cord Fabrics for External Parts	12.76	2.5
Square Cotton Fabric, Light American Cotton	2.12	0.06
Square Cotton Fabric, Heavy	4.54	2.
Benzin	65.40	- -
Benzol	21.80	—

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2094

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600 x 16	350 x 19	270 x 20
600 x 18	15 x 45	1050 x 20
525 x 18	165 x 400	36 x 8

11. The Pirelli Company which operates the Tivoli plant has indicated that the sizes indicated in Paragraph 10 can be produced if it were possible to send a representative to their plant located at Manresa, near Barcelona, Spain, for the purpose of obtaining drawings and technical data with respect to fabrication of moulds in Italy.

12. Application has been made for minimum essential electrical requirements. Assurance has been given that the necessary power will be made available.

13. It is estimated that 1,270 tons of coal will be required to carry on operations for six months. Sardinian coal is to be used for this purpose and arrangements are being made for transporting the necessary tonnage from Sardinia.

14. From the point of view of employment, reactivation of this plant will result in more than 600 people being gainfully employed. It is expected to have the plant operating on a 24 hour basis within two weeks of receipt of supplies.

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S.G.M.A. - 3-44 - 1490 - 250.000

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15. It is planned to have the Pirelli Company assume the responsibility for reactivation and production of the Tivoli plant. The Allied Commission will supervise the allocation and prices of tires and tubes; as well as the supply of controlled and imported materials.

16. Reference is made to MGS-187-ORD. LAC AIRGRAM 58, dated 30 August 1944. A partial solution to the problem of internal transportation lies in the availability of tires and tubes. The production of tires and tubes locally will not only be beneficial to this end, but will also lessen the burden of importation, thereby bringing about a reduction in shipping.

17. The recommendation of the SAC Med. is that supply responsibility be divided on the basis of 50% U.S. and 50% UK.

RATING: TWC

LANDED COSTS: It is requested landed costs be despatched to arrive before receipt of shipment.

AGREED: M & TN

Information Copies to:

The Directorate of Civil Affairs, War Office, Whitehall, London, S.W.1.	(4 copies)
N. Y.P.E.	(4 copies)
SHAEF, G-5	(2 copies)
Allied Commission, APO 394	(8 copies)
G-4 AFHQ	
M & TN AFHQ	
ORD. AFHQ (A)	
ORD. AFHQ (B)	
Q(AE) AFHQ	
Director of Freight Movements, War Office, Q.M.9, LONDON.	

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17. The recommendation of the SAC Mod. is that supply responsibility be divided on the basis of 50% U.S. and 50% UK.

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AGREED: M & TN

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M & TN AFHQ	
ORD. AFHQ (A)	
ORD. AFHQ (B)	
Q(AE) AFHQ	
Director of Freight Movements, War Office, Q.M.9, LONDON.	

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Declassified E.O. 12356 Section 3.3/NND No. 785021

Office file

R/75 RHK/

SECRET

HEADQUARTERS
ALLIED CONTROL COMMISSION
SHIPMENT, PORT & WAREHOUSE DIVISION
TRANSPORTATION SUB-COMMISSION
A.P.O. 394

File WP

Ref: 64/33/TN/W.

Date 8 Jan 45

SUBJECT: *Imports - Disposition*

TO : ALCOM Port Liason Officer, Depot 12L50 Leghorn (Att. Lt. Mitchell)

Copy to:

Transportation S/C (Att. Col. Carnes)

Tn. S/C (Att. Maj. Hodgetts) S-4 ~~[illegible]~~ Maj. Craig

1. Convoy Number UGS 64 Ship Number EA 669 Ship Name GEO. H. THOMAS
2. Expected Port of Unloading LEGHORN
3. Expected Arrival Date 12 Jan 45 (not firm)
4. Follow instruction in para 5(c).
5.

2093

(a) Description	(b) Quantity per Manifest	(c) Instruction for Disposition
Cased Vehicles TOG 126 - 6 Bx.		For P.B.S. ASSEMBLY Plant (4L-55)
Chassis	15 Tons	
Cabs	3 "	

ROBERT H. KLEIN, Capt., MAC, for
D. S. ADAMS, Colonel, C.E.
Director, Transportation Sub-Commission

CWAP/hl

HEADQUARTERS ALLIED COMMISSION
APO 394
Transportation Sub-Commission

Our Ref: AC/R/75/Tn

6 January 1945.

SUBJECT: Consolidation of Requisition for tools and equipment (AC -ORD - 49 - 45 dated 22 Nov.'44)

TO : The Requisitioning Officer
HQ. A.C.

1. Reference above requisition.

2. AFHQ, G - 5 requested a consolidated requisition, catering for all garages in Italy controlled by A.C., plus the 1700 vehicles called forward, plus the further 3000 vehicles requisitioned by AFHQ. (See their letter T-9 dated 30 Dec.'44).

3. Herewith consolidated requisition, covering as above, for onward transmission to AFHQ, together with justification as set out in report by Major Bruce, senior member of AFHQ., combined inspection team.

2092

4. Attached, also, is list of British equivalents for tools in American echelon sets, in so far as it has been possible to ascertain them. This list was requested by AFHQ., G - 5.

MERRITT H. TAYLOR
Director

Copy to: Economic Section

Declassified E.O. 12356 Section 3.3/NND No. 785021

1094

Declassified E.O. 12356 Section 3.3/NND No. 785021

COPY

File

R/75

ALLIED FORCE HEADQUARTERS
G-5 Section
APO 512

30 December 1944

Ref. T-9

SUBJECT: Requisition AC-ORD-49-45 dated 22 November 1944

TO : Headquarters, Allied Commission, APO 394
(Attn: Supply & Resources Section)

1. As it is planned that A.C. take over complete maintenance of all U.S. and civilian vehicles assigned to them for all of Italy, it is considered that a/n requisition should include tools and equipment for the areas North of Rome.

2. In accordance with the above it is suggested that Requisition AC-ORD-49-45 be amended to include tools necessary for the 1,700 trucks which have recently been called forward from the U.S. and 3,000 trucks for which requisition is now being prepared.

3. In order to save time it is suggested that this office br contacted by phone and the necessary adjustments will be made to Requisition AC-ORD-49-45.

For the Acting Assistant Chief of Staff, G-5:

2091

G.S. FRANKLIN
Lt. Colonel, R.C.A.S.C.
Economic & Supply Div.

Copy to: H.Q. Allied Commission
Attn: G-4 (A)
G-4 (B)

Called Franklin & told him this. Chief 3/1.

307

Consulted Lt. Ness.
Action requested is being taken, & consolidated requisition should be ready for forward to AFHQ in a few days.
Chief 3/1.

file 8/75

STOCK Nº	REQUISITION ARTICLES	UNIT	REQUIRED	REGION
41-T-3547 - 10	Tool Set Unit Equipment 3rd Echelon Set Nº1	EA	2	Rome and Naples
41-T-3549	Tool Set Unit Equipment 5th Echelon Set Nº1	EA	1	Rome
41-T-3545 -11	Tool Set 2nd Echelon Nº2	EA	3	Region V
41-T-3548 -20	Tool Set Unit Equipment 4th Echelon Set Nº2	EA	2	Florence and N.W. Italy.
41-T-3545 -14	Tool Set Welding 2nd Echelon Set Nº5	EA	3	Pescara, Ascoli Macerata.
40-V-505	Valve Refacer Electric 5/16 inch to 5/8capacity 110 V Universal	EA	4	Pescara, Ascoli Macerata, Siena.
40-V-530	Valve Reseater Complete 110 V AC. DC.	EA	4	Pescara, Ascoli Macerata, Siena.
41-R-2245	Reamer Cylinder Ridge 2 11/16 to 5 inch capacity	EA	4	Pescara, Ascoli Macerata Siena.
41-C-2550	Compressor,Piston Ring Universal	EA	4	Pescara, Siena, Ascoli, Macerata, Siena.
40-C-1013	Cleaner & Tester,Spark Plug Plug Compressed Air, Abrasive Type, 110 volts.	EA	2	Pescara, Ascoli.
40-G-498 -25	Gun Lubricating,Air operated High Pressure 1lb,Chassis Lubrigation.	EA	1	Siena. 2090
40-G-1425	Gun Lubricating Pump, Bucket,Low pressure,with flexible hose 25lbs capacity	EA	1	Siena.
41-G-1344 -35	Gun Lubricating,Push type High pressure,water pump.	EA	1	Siena.
41-T-3541	Tool Set Sheet Metal and Radiator Mechanics.	EA	6	Rome,Naples, Florence,N.W.Italy.
41-T-3555	Tool Set Welders	EA	11	Rome,Naples,Florence N.W. Italy,Region V.
41-T-3534	Tool Set Machinist	EA	7	Rome,Naples, Florence, NW Italy.

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41-T-3549	Tool Set Unit Equipment 5th Echelon Set N°1	EA	1	Rome
41-T-3545 -11	Tool Set 2nd Echelon N°2	EA	3	Region V
41-T-3548 -20	Tool Set Unit Equipment 4th Echelon Set N°2	EA	2	Florence and N.W. Italy.
41-T-3545 -14	Tool Set Welding 2nd Echelon Set N°5	EA	3	Pescara, Ascoli Macerata.
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40-G-1425	Gun Lubricating Pump, Bucket,Low pressure,with flexible hose 25lbs capacity	EA	1	Siena.
41-G-1344 -25	Gun Lubricating,Push type High pressure,water pump.	EA	1	Siena.
41-T-3541	Tool Set Sheet Metal and Radiator Mechanics.	EA	5	Rome,Naples, Florence,N.W.Italy.
41-T-3555	Tool Set Welders	EA	11	Rome,Naples,Florence N.W. Italy,Region V.
41-T-3534	Tool Set Machinist	EA	7	Rome,Naples, Florence, NW Italy.
41-T-3539	Tool Set Painters	EA	7	Rome,Naples,Florence, NW Italy.
41-T-3534 -37	Tool Set General Mechanics.	EA	201	All Regions.
41-T-3543	Tool Set Trimmers	EA	4	Rome,Naples,Florence, NW Italy.

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STOCK No.	ARTICLES	UNIT	ROD.	REGION
41-T-3535-75	Tool Set Ignition Mechanics	EA	4	Rome-Naples Florence, NW Italy
41-T-3505	Tool Set Battery Expert	EA	4	Rome, Naples Florence, NW Italy
41-T-3525	Tool Set Body Mechanics	EA	4	Rome, Naples Florence, NW Italy
41-T-3528 -75	Tool Set Carbutter Machanics	EA	4	Rome, Naples Florence, NW Italy
41-J-43/5	Jack Truck Hydraulic	EA	30	All Regions
41-T-3515	Tool Set Blacksmiths No.2	EA	2	Florence, NW Italy
NONE	Truck Wrecker 4 Ton 6x6 or Tractors 6 Wheeled Breakdown	EA	4	Rome, Naples Florence, NW Italy

2089

DELETE FROM ABOVE REQUISITION EX TOOL SETS

40-L-28-10	Lathe, Engine, Motor Driven 16" Swing, 8ft Bed.	EA	1	5th Echelon Set Rome
M-G-2015	Generator, A.C.portable, gasoline, Engine Driven 25Kw, 60 Cycle 115/230 V	EA	2	5th Echelon Set, Rome and Florence
40-G-131	Grinder, Electric Auto Parts and Crankshaft regrinding	EA	1	5th Echelon Set, Rome
M-G-1941 -50	Generator A.C. portable 5000 W Gasoline-Engine driven,120 V 60 Cycle single phase	EA	2	4th Echelon Set, Florence
40-S-1350	Saw, circular, woodworking 1½HP 110/220 V,60 Cycle	EA	1	5th Echelon Set, Rome
41-T-3534 -50	Tool Set Glass cutting and installing	EA	1	5th Echelon Set Rome
66-M-980	Machine, sewing portable, with 30 m.Arm, electric.	EA	2	Florence, NW Italy

Declassified E.O. 12356 Section 3.3/NND No. 785021

41-T-3535-75	Tool Set Ignition Mechanics	EA	4	Florence, NW Italy
41-T-3505	Tool Set Battery Expert	EA	4	Rome, Naples Florence, NW Italy
41-T-3525	Tool Set Body Mechanics	EA	4	Rome, Naples Florence, NW Italy
41-T-3528-75	Tool Set Carbutter Machanics	EA	4	Rome, Naples Florence, NW Italy
41-J-43/5	Jack Truck Hydraulic	EA	30	All Regions
41-T-3515	Tool Set Blacksmiths No.2	EA	2	Florence, NW Italy
NONE	Truck Wrecker 4 Ton 6x6 or Tractors 6 Wheeled Breakdown	EA	4	Rome, Naples Florence, NW Italy

2089

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40-L-28-10	Lathe, Engine, Motor Driven 16" Swing, 8ft Bed.	EA	1	5th Echelon Set Rome
M-G-2015	Generator, A.C.portable, gasoline, Engine Driven 25Kw, 60 Cycle 115/230 V	EA	2	5th Echelon Set, Rome and Florence
40-G-131	Grinder, Electric Auto Parts and Crankshaft regrinding	EA	1	5th Echelon Set, Rome
M-G-1941-50	Generator A.C. portable 5000 W Gasoline-Engine driven,120 V 60 Cycle single phase	EA	2	4th Echelon Set, Florence
40-S-1350	Saw, circular, woodworking 1½HP 110/220 V,60 Cycle	EA	1	5th Echelon Set, Rome
41-T-3534-50	Tool Set Glass cutting and installing	EA	1	5th Echelon Set Rome
66-M-980	Machine, sewing portable, with 30 m Arm, electric, Motor Driven ⅛ HP, 110 volts	EA	2	Florence, NW Italy

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Declassified E.O. 12356 Section 3.3/NND No. 785021

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File /fd

HEADQUARTERS ALLIED COMMISSION
APO 394
Transportation Sub- Commission

30 Dec. 1944.

TO : Col. James J. Carnes,
Deputy Director
Transportation Sub-Commission.

SUBJECT : A.C. Requisition for Higher Echelon Tools and Equipment.

With reference to letter from Lt.Col.J.S.Franklin, R.C.A.S.C., Economics and Supply Division, AFHQ to Col.Butterworth, re., requisition for tools, a consolidated report and requisition is now submitted. This includes tools necessary to maintain the 1,700 vehicles which are due to arrive in the next two or three months and those for the 3.000 vehicles which have been asked for, North Western Italy.

1. BASIS Items suggested on this requisition are based on the results of a survey of buildings and equipment suitable for higher echelon, maintenance in Southern, Rome and Northern Area.

2. FINDINGS OF SURVEY TEAM

2088

(A) Vehicle Distribution

Southern Area H.Q. Naples

The approximate number of vehicles, American and British, at present employed in this Area is 600 but this number varies owing to several reasons, namely, seasonal requirements, crops, road construction etc., those vehicles being temporarily transferred from other regions.

Rome Area.

H.Q.Rome, Regions 4 and 5

The approximate number of British and American military vehicles in these Regions is 720. This number also varies as in the Southern Area.

Northern Area

Regions 8,9,11,12, Liguria, Piemonte

The number to date in these Regions of British and American military vehicles is 415. This number will be greatly increased by the 1,700 vehicles which are exptected to arrive in the near future and again by the addition of 3,000 vehicles which have been requested for North Western Italy.

(B) Vehicle Maintenance

SUBJECT : A.C. Requisition for Higher Echelon Tools and Equipment.

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The number to date in these Regions of British and American military vehicles is 415. This number will be greatly increased by the 1,700 vehicles which are exptected to arrive in the near future and again by the addition of 3,000 vehicles which have been requested for North Western Italy.

(B) Vehicle Maintenance

At present first and second Echelon Maintenance is being carried out by A.C. Regional Garages, Higher Echelon on Civilian Vehicles and occasionally on military vehicles by civilian garages.

Higher Echelon repairs on military vehicles are being done mainly by American Ordnance and R.E.M.E. Workshops.

A preventative maintenance programme which is a combination of American and British maintenace procedure has been instituted by Allied Commission. This programme includes an inspection on each vehicle every tenth day.

The Allied Commission at present does not have the necessary tools and equipment to perform all of their higher echelon maintenance.

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3. RECOMMENDATIONS

(A) That the first and second echelon work on military vehicles be accomplished at the established Provincial Garages, with emergency major unit replacement and repair as directed by the Regional Transport Officer. This to be carried out in garages with adequate personnel and equipment. Some additional equipment and hand tools will be necessary at certain of these garages.

(B) It is recommended that heavy repair shops be established to which will be evacuated all repairs beyond the scope of the Provincial Garages.

(C) Since heavy repairs on A.C. military vehicles are at present being carried out by military workshops additional equipment will be required by Allied Commission to take over the entire maintenance of all their vehicles. It has been found that the existing civilian facilities are only adequate for the maintenance of civilian vehicles. The load on these civilian shops is becoming increasingly heavy owing to the supply of spare parts being almost exhausted and replacements not obtainable due to the fact that the factories are still in enemy hands.

Southern Area

(A) It is recommended that a third echelon shop or the British equivalent be established and equipped in Naples for the Southern Area.

(B) It is suggested that the U.T.C. Motor Pool Garage, 56-58 Brindisi Street be used for the purpose. This location consists of three buildings with a total of 30,000 sq.feet of floor space. The buildings are in good condition and very suitable for the purpose.

Rome Area

2087

(A) It is recommended that a third and fifth echelon or Base shop be established in Rome.

(B) To carry out this plan it would be necessary to furnish the Allied Commission with theequipment for a third and fifth echelon or Base shop and also the initial stock of Major Assemblies for exchange purposes until such time as the Base shop had built up a supply.

(C) The shop recommended for Rome Area is the Fiat Garage, Via Porta Meggiore. This garage is well equipped but requires the additional equipments as recommended, has good workshop personnel, the buildings have been partly damaged but are now under repair.

(D) In Region 5 Allied Commission Garages were inspected and found to have adequateespace and personnel capable of second echelon repair. All of these garages are urgently in need of hand tools and second echelon equipment.

(E) It is recommended in additiona to the lower echelon equipment that three of these garages be given some additional higher echelon

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(B) It is recommended that heavy repair shops be established so that will be evacuated all repairs beyond the scope of the Provincial Garages.

(C) Since heavy repairs on A.C. military vehicles are at present being carried out by military workshops additional equipment will be required by Allied Commission to take over the entire maintenance of all their vehicles. It has been found that the existing civilian facilities are only adequate for the maintenance of civilian vehicles. The load on these civilian shops is becoming increasingly heavy owing to the supply of spare parts being almost exhausted and replacements not obtainable due to the fact that the factories are still in enemy hands.

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(D) In Region 5 Allied Commission Garages were inspected and found to have adequateespace and personnel capable of second echelon repair. All of these garages are urgently in need of hand tools and second echelon equipment.

(E) It is recommended in additiona to the lower echelon equipment that three of these garages be given some additional higher echelon equipment to enable them to perform "In vehicle overhaul".

(F) It is suggested that these shops be located at the Truck Pool Garages at Pescara, Ascoli and Macerata.

Northern Area

(A) Due to the concentration of Army units in this Area the existing facilities are being utilised by the Armies.

1102

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(B) The S.I.T.A. Garage in Florence is now being used for the repair of Allied Commission vehicles. This garage is small but reasonably well equipped and except for a few itmes, is capable of higher echelon maintenance on a very limited number of vehicles. The area of the building is approximately 10,000 sq.ft. and with no adjacent parking space for disabled vehicles.

(C) The Fiat Works at Florence, if it were available, for A.C. use, would be a very suitable building for the carrying out of future higher echelon maintenance in this Region.

(D) It is recommended that another Fourth Echelon Set. No.2 be requisitioned to maintain the 3,000 vehicles which have been asked for, for North Western Italy.

4. RECOVERY

(A) At the present the only vehicles that Allied Commission have for recovery purposes are three 3½ ton 6 x 6 G.M.C. trucks equipped with Second Echelon Set No.7 Barrel Hoist and Superstructure.

These vehicles are not capable of recovering the heavy trucks or lighter trucks when loaded. British and American Army shops are called upon for heavy duty wrecker service to supplement the existing A.C. equipment.

(B) It is recommended that at least four 6 x 6 - 4 ton Diamond T Wreckers or Tractors Six-wheeled Brackdown be supplied. These to be located at the third and fourth echelon workshops.

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5. REQUISITION

This requisition is based on the American Ordnance Catalogue ORD6. SNL G-27 a comparative list showing British Ordnance equivalents will be rendered in the near future.

D.T.D. Bruce Major

D.T.D.BRUCE, MAJOR R.E.M.E.
TRANSPORTATION SUB-COMMISSION
ALLIED COMMISSION

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2056

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D.T.D. Bruce Major

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EQUIVALENT TOOL - SETS

AMERICAN		BRITISH	
41 T 3541	Tool set sheet metal and Radiator mechanics	6 Sec.F Chests tool filled Tins & Coppers	6
41 T 3555	Tool set welders	11 Sec.F Kit hand tools,welder,acetylene	11
41 T 3534	Tool set machinist	7	
41 T 3539	" " painters	7 LV6MT2 Chests tool MT filled,painters & signiwriters	7
41 T 3534 - 37	" " general mechanics	201 Sec.F Chests,tool,filled,Fitters	201
41 T 3543	" " Trimmers	4 LV6/MT2Chests,tool MT filled Trimmers	4
41 T 3535 - 75	" " Ignition mechanics	4) LV6/MT2 Chests tool MT filled Electrician	4
41 T 3505	" " Battery expert	4)	
41 T 3525	" " Body mechanics	4 Sec.F Chests tool filled carpenters	4
41 T 3628 -75	" " Carburrettor mechanics	4	
41 T 3513	" " Blacksmiths Nº.2	2 Sec.F Chests tool filled Blacksmiths	2

BRITISH EQUIVALENT TOOLS IN U.S.A. ECHELON SETS.

Second Echelon Set No. 2

AMERICAN Fedl.Stock No.	DESIGNATION	Quantity	BRITISH	DESIGNATION	Quantity
41 A 181	Anvil,blacksmiths',steel solid,100lbs.	1	LV6MT2/88	Anvils smiths 1½ cwt.	1
19 B8830	Block,ordinary,for manila rope,iron-shell & sheeves,galvanized double-sheave,hook,single,side-loose,w/becket size of Block 8in.diam.of rope 1 in.	1	KIV 36061	Block double sheave 1½ MK1	2
do.8890	Block,ord.for manila rope,iron-shell do.	1			
38 B 675	Brush,acid,twisted wire handle,8in. overall length	36			
38 B 1005	Brush,cleaning,steel wire handle,8in. rectangular,handle width 1,1/8in.	2	FB 0569	Brush steel wire welders	2
do.3345	Brush,sash tool,oval,No.5,1,7/16x 1,1/16x2,3/4in.	5	LV6MT2/35152	Brush sash tool n. 6	5
41 B 255	Bar,jimmy,24in.length	1	LV6MT2/13276	Crowbars chisel & point 2 ft.	1
do.530	Bender,copper,sizes:1/4in.to5/8in. tubing range	1	FA 0270	Bolts bending	1
8 C 5300	Chuck-gage,tire pressure,2to70lbs,2½ units,70 to 130 lbs.5lbs.units.	1	LV6MT1/27541	Gauge tyre 0-50 lbs.	1
17 C 9635	Charger,battery,port.12volt,2000watt gasoline engine driven	1	ZB 1120	Charging set 1260 watt. n.1 2084	1
do.10580	Clip,batt.25 amp.cap.1in.spread of jaw,2,7/8length	20			
17 C 35079	Cord,ext.w/clips,comp.15ft 6 volts, hv/duty,jute filled cable,comp.w/res. handle,2conds.16 gauge,2,580C.M.per conductor.	4			
40 C 1011	Cleaner & Tester,spark plug,compres. air,abrasive type	1			
do.1345	Cup,paint,spray gun,1qt.cap.	1			
41 C 15	Cabinet,tool,steel,w/drawers & benchtop	2			
do.397	Cap,deflating,for tire tubes,slotted top type	6			
do.445	Carrier,storage battery	2			
do.465	Case,metal,port.for carrying hand lubr. guns	1			
do.1730	Clamp C,med.Type1,Class B,serv.4in.cap.	1	FA 0930	Clamps screw engineers 'C' type	1
do.1835	do. 6in.cap.	2		do. do.	2
do.2280	Clippers,bolt,rigid head,clipper cut, cap.bolt inches 5/16;round steel-rod inches1/4;length overall inches 18	1			
do.2765	Crimper,term,for crimping all solder less terminals on elect.wiring	1			
do.2825	Cutter,tube,for copper,brass,tin &lead tubing,range 1/8to 3/4in.	1	FA 3280	Pipecutters small	1
42 C 4600	Can,safety,steel,gasoline,5gal.cap.	1	LV6MT1/37556	Cans petrol	3
64 C 281	Can,water,5 gal.	2			
66 C 1370	Compressor,air,port.gas.eng.driven 1,3/4H.P.,6cu.ft/comp.w/hose	1	LV6MT9 30677	Compressors air portable 1½ H.P. petrol driven	1
40 D 1805	Drill,twist,H.S.S.,stght-shk 1/8in.	2	LV6852 8026	Drill twist carbon steel parl. shk. 1/8 in.	2
do.1806	do. 9/64in.	2	8027		
do.1807	do. 5/32in.	2	8028	5/32	2
do.1808	do. 11/64in.	2	8029	11/64	2
do.1809	do. 3/16in.	2	8031	3/16	2

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do.3345	Brush,sash tool,oval,No.5,1,7/16x 1,1/16x2,3/4in.	5	LV6MT2/35152	Brush sash tool n. 6	5
41 B 255	Bar,jimmy,24in.length	1	LV6MT2/13276	Crowbars chisel & point 2 ft.	1
do.530	Bender,copper,sizes:1/4in.to5/8in. tubing range	1	FA 0270	Bolts bending	1
8 C 5300	Chuck-gage,tire pressure,2to70lbs,2½ units,70 to 130 lbs.5lbs.units.	1	LV6MT1/27541	Gauge tyre 0-50 lbs.	1
17 C 9635	Charger,battery,port.12volt,2000watt gasoline engine driven	1	ZB 1120	Charging set 1260 watt. n.1 2084	1
do.10580	Clip,batt,35 amp.cap.1in.spread of jaw,2,778length	20			
17 C 35079	Cord,ext,w/clips,comp.15ft 6 volts, hv/duty,lute filled cable,comp.w/res. handle,2conds.16 gauge,2,580C.M.per conductor.	4			
40 C 1011	Cleaner & Tester,spark plug,compres. air,abrasive type	1			
do.1345	Cup,paint,spray gun,1qt.cap.	1			
41 C 15	Cabinet,tool,steel,w/drawers & benchtop	2			
do.397	Cap,deflating,for tire tubes,slotted top type	6			
do.445	Carrier,storage battery	2			
do.465	Case,metal,port.for carrying hand lubr. guns	1			
do.1730	Clamp C,med.Type1,Class B,serv.4in.cap.	1	FA 0930	Clamps screw engineers 'C' type	1
do.1835	do. 6in.cap.	2		do. do.	2
do.2280	Clippers,bolt,rigid head,clipper cut, cap.bolt inches 5/16;round steel-rod inches1/4;length overall inches 18	1			
do.2765	Crimper,term,for crimping all solder less terminals on elect.wiring	1			
do.2825	Cutter,tube,for copper,brass,tin &lead tubing,range 1/8to 3/4in.	1	FA 3280	Pipecutters small	1
42 C 4600	Can,safety,steel,gasoline,5gal.cap.	1	LV6MT1/37556	Cans petrol	3
54 C 281	Can,water,5 gal.	2			
66 C 1370	Compressor,air,port.gas.eng.driven 1,3/4H.P.,6cu.ftcomp.w/hose	1	LV6MT9 30677	Compressors air portable 1¾ H.P. petrol driven	1
40 D 1805	Drill,twist,H.S.S.,stght-shk 1/8in .	2	LV6M52 8026	Drill twist carbon steel parl. shk. 1/8 in.	2
do.1806	do. 9/64in.	2	8027		
do.1807		2			
do.1808	do. 5/32in.	2	8028	5/32	2
do.1809	do. 11/64in.	2	8029	11/64	2
do.1810	do. 3/16in.	2	8031	3/16	2
do.1811	do. 13/64in.	2	8032	13/64	2
do.1812	do. 7/32in.	2	8033	7/32	2
do.1813	do. 15/64in.		8034	15/64	2
do.1814	do. 1/4in.	4	8036	1/4	4
do.1815	do. 17/64in.	4	8025	17/64	4
do.1816	do. 9/32in.	1	8038	9/32	1
do.1817	do. 19/64in.	1	-	-	-
do.1818	do. 5/16in.	2	8040	5/16	2
do.1819	do. 21/64in.	1	-	-	-
do.1820	do. 11/32in.	1	8041	11/32	1
do.1821	do. 23/64in.	1	-	-	-
do.1822	do. 3/8in.	2	8043	3/8	2
do.1823	do. 25/64in.	1	-	-	-
	do. 13/32in.	1	8044	13/32	1

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AMERICAN Fed.Stock. No.	DESIGNATION	Quantity	BRITISH Section Part No.	DESIGNATION	Quantity
40 D 1824	Drill,twist,H.S.S.stght-shk77/64	1			
do.1825	do. 7/16in.	2	LVO MT2/8046	Drillstwist carbon steel	7/16 2
do.1826	do. 29/64in.	1		Parallel shank	15/32 1
do.1827	do. 15/32in.	1	8047		
do.1828	do. 31/32in.	1			
do.1829	do. ¾in.	2	8087		¾in. 2
41 D 200	Die,male-pathreading,r/h,National Fine Threads,sizes5/8,3/4,7/8,1,1 1/4ins	1			
do.1410	Dresser,contact point,flex.abrasive non-conducting	100	LVS MT2/8006	Drill stock Dreast 0-½in. 3 Jaw	1
do.1603	Drill,breast,malin,cap.of chuck1/8to ½in.	1			
41 E 362	Extractor,screw,in sets No.1to5,set	1			
58 E 200	Extinguisher,fire,CTC,cap.1 gal.	1	LVDMT1/2212	Extinguishers fire ctc 1/4 Gall.	4
8 F 1000	Filler,battery,distilled water,unbreakable type,cap.1 gal.	1			
do.1050	Filler,battery syringe,8oz.cap.	1	LVBMT4/44059	Syringes Battery Filling	1
41 F1575	File,thread Restorer,threads to the inch, 11,12,14,16,18,20,24	1			
do.2582	Filler,hydlc.brake,master cyl.pres.feed	1			
6 G 650	Gage,tire pressure,precision type	1	LVBMT1/27541	Gauges tyre 0-50 LB	1
40 G 490-25	Gun,lubricating,air operated,high pres. 1 lb.chassis lubrication	1			
40 G 527	Gun,paint,spray,syphon feed,4½cubic ft. per minute	1	LVBMT2/28359	Outfits paint spray B.C.A. Med.Compl.	1
41 G 124	Gage,cyl.compression,univ.type	1			
do.407	Gage,thickness,1,17in.strips	1	F A 2006	Gauge feeler	1
do.500	Gage,combination,vacuum & pressure	1			
do.510	Gage,wheel aligning,toe-in	1			
do.877	Grinder,bench,hand power,hv/duty 6in.wh.	1	LVB MT2/4075	Grinders toolbench 7in. wheel	1
do.1330-50	Gun,lubricating,lever type,high pres.1lb	2			
do.1344-75	do.push type,water pump	1			
do.1365	Gun,oil,suction type,differential & transmission	1			
do.1370	do.shock absorber	1			
do.1425	Gun,lube.,pump,bucket,low pres.w/flex. hose,25lb.cap.	1			
18 H 940	Hydrometer,anti-freeze solution	2			
do.1240	" ,storage battery testing	2	LVB MT4/4047	Hydrometers Acid Testing	2
33 H 120	Hose,air,1/4in.I.D.25ft.length	5			
41 H 126	Hammer,blacksmiths',hand cross-peen,w/hen handle,3 lb.	1	FA 2140	Hammers smiths hand 2 lb.	1
do.187	Hammer,carpenters',claw,bell-faced weight 1 lb.	1	FA 2123	Hammers carpenters 1 lb.	1
do.1510	Handle,soldering iron,5½in.length x1,3/8 in.diam.	2			
do.1561	Handle,blacksmiths',sq.shank,size of shank 3/4in.,1,7/8width of bit	1	FA 1040	Cutters Anvil Small Shank	1
41 I 700	Iron,soldering,non-electric,pyramid point type 1,wight per pair 1 lb.	2	FA 2405	Irons soldering 1,3/4 lb.	2
do.772	Iron,tire,curved type,24in.long	1	LVGMT24547	Levers Tyre No.1-10,1/4in. ~~No.2~~	1
do.773-50	Iron,tire,driving,for driving tires off rusted rims	1	8	- - No.2	1
do.780	Iron,tire,hand,univ.length 18½,set	1	LVGMT24531A	do. Stretch 15in.	1

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do.1063	Drill,breast,main,cap.of chuck1/8to 3in.	1		0-1in. 1 Jaw	1
41 E 502	Extractor,screw,in sets #0.1to5,set	1			
50 E 208	Extinguisher,fire,CTC,cap.1 gal.	1	LV6WT1/2212	Extinguishers fire ctc 1/A Gall.	4
8 F 1000	Filler,battery,distilled water,unbreakable type,cap.1 gal.	1			
do.1050	Filler,battery syringe,8oz,cap.	1	LV6WT4/44052	Syringes Battery Filling	1
41 F1515	File,thread Restaper,threads to the inch, 11,12,14,16,18,20,4	1			
do.2082	Filler,hydlc.brake,master cyl.pres.feed	1			
8 G 650	Gage,tire pressure,precision type	1	LV6WT1/27541	Gauges tyre 0-50 LB	1
40 G 498-750	Gun,lubricating,air operated,high pres. 1 lb.chassis lubrication	1			
40 G 517	Gun,paint,spray,syphon feed,4½cubic ft. per minute	1	LV6WT2/[illegible]6350	Outfits paint spray B.E.W. Med.Comp.	1
41 G 124	Gage,cyl.compression,univ.type	1			
do.407	Gage,thickness,1,17in.stripe	1	F A 2086	Gauge feeler	1
do.500	Gage,combination,vacuum & pressure	1			
do.510	Gage,wheel aligning,toe-in	1			
do.777	Grinder,bench,hand power,hv/duty 6in.wh.	1	LV6 WT2/4075	Grinders toolbench 7in. wheel	1
do.1330-60	Gun,lubricating,lever type,high pres.1lb	2			
do.1344-75	do.push type,water pump	1			
do.1365	Gun,oil,suction type,differential & transmission	1			
do.1370	do.shock absorber	1			
do.1475	Gun,lubr.,pump,bucket,low pres.w/flex. hose,25lb.cap.	1			
18 H 940	Hydrometer,anti-freeze solution	2			
do.1240	" ,storage battery testing	2	LV6 WT4/4047	Hydrometers Acid Testing	2
33 H 120	Hose,air,1/4in.I.D.25ft.length	5			
41 H 120	Hammer,blacksmiths',hand cross-peen,w/hee handle,3 lb.	1	FA 2140	Hammers smiths hand 2 lb.	1
do.187	Hammer,carpenters',claw,bell-faced weight 7 lb.	1	FA 2173	Hammers carpenters 1 lb.	1
do.1510	Handle,soldering iron,5½in.length x1,3/8 in.diam.	2			
do.1561	Handle,blacksmiths',no shank,size of shank 3/4in.,1,7/8width of bit	1	FA 1040	Cutters Anvil Small Shank	1
41 I 700	Iron,soldering,non-electric,pyramid point type 1,wight 2lb pair 1 lb.	2	FA 2405	Irons soldering 1,3/4 lb.	2
do.777	Iron,tire,curved type,24in.long	1	LV6WT245478 8	Levers Tyre No.1-16,1/4in. ~~#2~~ - - #2	1
do.773-50	Iron,tire,driving,for driving tires off rusted rims	1			
do.780	Iron,tire,hand,univ.length 18in.set	1	LV6WT245311	do. Straight 15in.	1
41 J 73-5	Jack,truck,hydr.3ton	2	LV6WT1/27780	Jacks lifting 4ton w Handle	2
17 L 7550	Lantern,elect.hand,2,4volts	2			
41 L 1400	Lifter,valve,compression type	1	LV6WT2/45520	Lifter valve car size	1
do.1400	" " ,spring,hand	1			
do.1440	Light,timing,neon tube type,hv/duty,w/(ft. min.leads w/clips & rubber covers	1			
41 M 942	Measure,w/flex.spout,crankcase filler, 8-ot.,valve-controlled,steel	1			
do.942	Measure,w/flex.spout,cap.7-ot.	1	KE 3567	Measures oil 4 gall.	1
13 O 400	Oiler,small,iron,1-gallon-capband,trigger operated,w/bracket	2			
41 P 125	Pan,drain,iron,4-gal.cap.	2	KE 4120	Pourers oil	2
41 P 1572	Pliers,brake key,horse shoe type,brake key & snap ring	1			
do.1570	Pliers,brake spring,for removing & replac. dack springs	1			

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Fed.Stock. No.	AMERICAN DESIGNATION	Quantity	BRITISH Section.Part No.	DESIGNATION	Quantity
41 P 2005-60	Puller-Set,bearing race,yoke type,for pulling & pushing gears,bearings,etc.	1			
do.2952	Puller,steering,rear,arm,univ.type,passenger car & light truck.	1			
do.2954	Puller,steering wheel,univ.type	1			
do.2957	Puller,univ.slide-hammer type,revers.w/3 jaws	1			
11 P 600	Pump,oil,barrel,motor oil dispensing,1-qt.16 to 30 gal.barrels or drums.	2			
41 P 3060	Punch,belt,revolving,air tubes,No.1 to 8	1	FA 3022,3,4,6	S & P Punches Leather R.U.	1 each
do.3774	Punch,hollow w/mandrel,1/4in.to 5/8in.set	1			
21 R 418	Rope,sisal,1in.diam.5strand,med.laid	1	LV6TM1/10125	Cordage Hemp 1in.	25 FMS
do.615	do.strand circumference 3in.	1			
41 R 2378	Remover & Replacer,lock rings,20in.long,for Firestone NO & NI rims	1			
do.2391-542	Replacer,valve lock key	1			
40 S 1555	Separator,oil & water,w/one regulator	1			
41 S 185	Saw,crosscut,hand,teeth cutting edge 26in.8 points per inch	1	FA 4450	Saws Hand 26in.	1
do.990	Screen,headlight,adj.chart 10ft.wide&22in.high	1			
do.1530	Screwdriver,recessed screw	2	LV6BT2/28132	Screwdrivers 1.1/4 in Blade	1
			5325	5 " "	1
do.2380	Setter & Extractor,stud,socket wrench,3/4in.sq. drive,5/16in.to5/8in.	2			
do.2813	Shears,tinners'hand,straight cut,type A	1	FA 4716	Shears tinmans snip 10in. 2682	1
do.3706	Sledge,blacksmiths',cross-peen,w/handle,12lb.	1	FA 2103	Hammers sledge straight pane 10lb	1
do.4102	Spreader,tire,hydlc,foot-operated	1			
do.5416	Stone,sharpening,unmounted,combination,one face coarse,other face fine,thickness 1in.width2in. length 6in.	1	LV6 MT2 23946	Stones carborundum coarse fine 8 in.x1½in.x1in.	1
17 T 5505	Tester,battery,volt,univ.	1	LV6 MT/30044	Voltmeters 0-16 volts	1
do.5575	Tester,low voltage circuit,elect.	1			
41 T 1885	Threading,bolt & screw,cons.of dies & taps,N.C.T.,1/4in.to 1in.set	1	X For Detail see P 13		
do.1925	do.stocks,taps & wrenches,Amer.V-Thread,Battlefield-Thread-Series,in each sizes,inches 1/4-20 to 1-14NF,number of pieces 24,set	1			
do.3125-20	Tool,flaring,copper tubing,sizes3/16in.to1in.	1			
do.3135	Tool,flaring,steel tubing,fuel & hydlc.lines sizes:3/16,1/4,5/16,3/8,7/16,and 1/2 in.w/contain.	1			
do.3175	Tool,grease fitting,univ.	1			
do.3372	Tool,tire chain repair,univ.pert.	1			
do.3378	Tool,tire,valve stem fishing	1	LV6BT2/25815	Tool tyre valve stem fishing	1
do.3378-50	Tool,holding,for repair of tire valves	2			
do.3381	Tool,valve converting,for bending tire stems	1			
do.3382-20	Tool,valve stem,conver.for bending valve	1			
do.3654	Torch,gas.cyl.int.cap.w/free holder	1	FA 2470	Lamps brazing 1 pint	1
do.4170	Tube,hydlc.brake bleeder,comp.w/wrenches	4			
do.3378	Tool,valve core,remov.for remov.damaged cores	2	LV6BT2/268800	Tool valve core removing	2
do.276	Vise,mechanics'swivel base,stationary jaws,4in.jaw	1	LV6 MT2/13785	Vice bench fitters parallel jaw 3 3/4in.	1
41 V 615	Vulcanizer,valve & tube,for tube repair & valve replacement	1			
41 W 450	Wrench,screw,adj.auto,15in.	1	LV6 MT2/8245	Wrench adj. 12in.	1

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21 R 418	Rope,sisal,1in.diam.3strand,cod.laid	1	LV6TR1/16129	Cordage Hemp 1in.	25 FMS
do.C15	do.strand circumference 3in.	1			
41 R 2378	Remover & Replacer,lock rings,20in.long,for Firestone 30 & 31 rims	1			
do.2321-5A	Replacer,valve lock key	1			
40 S 1565	Separator,oil & water,w/and regulator	1			
41 S 185	Saw,crosscut,hand,tooth cutting edge 24in.8 points per inch	1	FA 4469	Saws Hand 26in.	1
do.090	Screen,headlight,adj.chart 10ft.wide x 24in.high	1			
do.1830	Screwdriver,recessed screw	2	LV6HT2/16150	Screwdrivers 1/4 in. Blade	1
do.2900	Setter & Extractor,stud,socket wrench,1in.sq. drive,5/16in.to 5/8in.	2	5743 5748	5/16 " "	1
do.2813	Shears,tinners'hand,straight cut,type A	1	FA 4715	Shears tinners snip 10in. 2082	1
do.3708	Sledge,blacksmiths',cross-peen,w/handle,12lb.	1	FA 2183	Hammers sledge straight peen 10lb	1
do.4187	Spreader,tire,hydic,foot-operated	1			
do.5415	Stone,sharpening,mounted,combination,one face coarse,other face fine,thickness 1in.width2in. length 8in.	1	LV6 ST2 13345	Stones carborundum coarse fine 8 in.x2in.x1in.	1
17 T 5585	Tester,battery,volt,univ.	1	LV6 BT/30044	Voltmeters 0-16 volts	1
do.6575	Tester,low voltage circuit,elect.	1			
41 T 1805	Threading,bolt & screw,cons.of dies & taps,N.C.T.,1/4in.to 1in.set	1	X For Detail see P 12		
do.1825	do.stocks,taps & wrenches,Amer.V-Thread,fitting-thread-series,in.cons.sizes,inches 1/4-18 to 1-14NF, number of pieces 24,set	1			
do.3125-20	Tool,flaring,copper tubing,sizes3/16in.to1in.	1			
do.3135	Tool,flaring,steel tubing,fuel & hydic.lines sizes:3/16,1/4,5/16,3/8,7/16,and 9 in.w/contain.	1			
do.3175	Tool,grease fitting,univ.	1			
do.3372	Tool,tire chain repair,univ.part.	1			
do.3378	Tool,tire,valve stem fishing	1	LV6HT2/26815	Tool tyre valve stem fishing	1
do.3378-50	Tool,holding,for repair of tire valves	2			
do.3381	Tool,valve converting,for bending tire stems	1			
do.3382-20	Tool,valve stem,conver.for bending valve	1			
do.3854	Torch,gas,cyl.1qt.cap.w/iron holder	1dozen	FA 2470	Lamps brazing 1 pint	1
do.4170	Tube,hydic.brake bleeder,comp.w/wrenches	4			
do.2376	Tool,valve core,remov.for remov.damaged cores	2	LV6HT2/268000	Tool valve core removing	2
do.276	Vice,machinists'swivel base,stationary jaws,4in.jaw	1	LV6 HT2/13785	Vice bench fitters parallel jaw 3 3/4in.	1
41 V 815	Vulcanizer,valve & tube,for tube repair & valve replacement	1			
41 W 450	Wrench,screw,adj.auto,15in.	1	LV6 HT2/8745	Wrench adj. 12in.	1
41 W 610	Wrench box,45°angle,dble-hd,dble-hex,long,1,1/16 1 1/4,1/8	1			
do.612	do.1,1/4 & 1,3/8	1	Spanners Box tubulet Heavy		
do.635	do.,curved handle,9/16 x 5/8	1	LV6HT2/4875	1/8 X 3/16 in.	1
do.638	do.socket,cut 3/4in.sq-drive	1	8	1/4 x 5/16 in.	1
do.3322	do.spark plug,13in.sq-drive,5/8in.dble-hex	1	9	5/8 x 3/4 in.	1
do.3323	do.11/16in dble-hex	1	1890	3/8 x 1/4 in.	1
do.3325	do.,13/16in.	1			
do.3326	do.,7/8	1			
do.3327	do.15/16in.	1	LV6 HT8		
do.3328	do.1in.	1	A. 50750	Spanners Magneto Combination set	1
do.3329	do.1,1/8in.	1			
~~do.3512~~	~~Wrench,socket,open-end~~				
do.1573	Wrench,tappet,dble-hd.7/16in.3/8in.	2			
do.1579	do.				

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	AMERICAN			BRITISH	
Full Stock.	DESIGNATION	Quantity	Section Part No.	DESIGNATION	Quality
41 B 3579	Wrench, lugged, double-end. 9/16in. and 5/8in.	2			
do. 3582	do. 11/16in. and 3/4in.	2			
do. 3585	do. 15/16in. and 7/8in.	2			
do. 3630	do. torque-indicating 4in. on stationary leg.	1			
do. 3830	Wrench, wheel, lug nut, check type, 3/4in. no-drive comp. w/sockets and hex. nut holder	1			

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* DETAIL OF TOOLS SCREWCUTTING S.A.E.

FA 6724-6748	Tools screwcutting B.S.F. Set N°.1 Collets, dies & taps Compl.	1
FA 7625	Cases Steel N°.2	1
FA 9681	Fittings wood N°.2 set	1
7717	Stocks C	1
7913	Wrenches adjustable C C	1
7914	" " D D	1
6771-80	Tools screwcutting B.S.F. set N°.2 Collets Dies and Taps 2nd Taper	1
7527	Cases steel N°.3	1
7692	Fittings wood N°.3 A	1
7719	Stocks E	1
7912	Wrenches adj. B B	1
7913	" " C C	1

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BRITISH EQUIVALENT TOOLS IN U.S.A. ECHELON SETS.

AMERICAN					BRITISH					
Fed:Stock No.	DESIGNATION	Ech.Set No: 3	4	5	Sec. Part No:		DESIGNATION	Ech.Set No: 3	4	5
40 A 75	Armature Turning Kit universal	-	1	-						
41 A 135	Aliner conn.rod universal	-	1	1						
37 A 1815	Anvil, blacksmiths steel face and horn iron body 100 lbs.	1	-	-	LVG MT2	09	Anvil smith's 1½ cwt.	1		
41 A 200	Anvil blacksmiths do.do. 200 lbs.	-	2	-			do.	-	2	-
41 A 281-30	Anvil, brake shoe straightening	-	1	1						
41 A 327	Applier brake lining light & med. duty universal type	1	2	-						
41 A 328	Applier brake lining hvy duty unit type	1	2	-						
41 A 329-500	Applier piston ring	-	2	-						
8 B 50	Bar towing univ. type	1	4	-	MV	26581	Bar towing	1	4	-
17 B 13990	Bench test universal for testing generators & starting motors	-	1	-						
38 B 675	Brush acid soldering black bristles length overall 8½" brush dia. ½ in.	3	48	-	FB	0560	~~Brush steel wire welders~~			
38 B 1005	Brush cleaning,steel wire, med.hard rect.handled	6	12	-	FB 0569		Brush steel wire welders	6	12	-
38 B 3345	Brush sash tool oval No 5	-	48	-	LVGMT2	35152	Brush sash tool No 6	-	48	-
40 B 75	Bar boring for conn rod bearings	-	-	1						
40 B 870	Brush carbon cleaning end type sol. filled w/1/4 in shank dia 1 in min	6	12	-						
40 B 880	do. side flare dia.2½in min 1/4in shank	6	12	-						
41 B 20	Bar boring camshaft and main beargs univ. type	-	-	2						
41 B 177	Bar, crow pinch point	-	2	-	LVGMT2	13276	Crowbar, chisel and point 2 ft.	-	2	-
41 B 255	Bar jimmy 24 in length	2	4	-			do.	2	4	-
41 B 315	Bar, spring shackle greasing solid	1	2	-						
41 B 333	Bar, carpenter's wrecking goose-necked size of stock 3/4 in length24"	-	2	-						
41 B 493	Bench workshop metal top folding legs height 33" width 29 1/4 in length 72 in	-	18	-						
41 B 530	Benders copper sizes 1/4,5/16, 3/8 7/16,½,and 5/8 in tubing set	1	1	-	FA	0270	Bolts bending	1	1	-
41 B 582	Bevel sliding T metal handle, length of blade 8 in.	-	2	-						
41 B 1465	Blocks "V" complete w clamp set of 2	-	-	1						
41 B 1635	Blocks, miter adjt. without saw	-	1	-						
42 B 25520	Bucket metal 14 quart capacity	4	15	-	KF	0831	Buckets, 13 inch	4	15	-
8 C 5300	Chuck Gage tire pressure 20/130 lbs	2	2	-	LVGMT1	27674	Gauge tyre No 8 -45/120 lbs.	2	2	
17C 9035	Charger,battery,portable,12volt,2000 watt,gas engine driven	1	4	-	ZB	1120	Charging set 1260 watt No.1	1	4	
17 C 10520	Clip,universal,for battery use,25 ampere capacity.	20	80							
17 C 35079	Cord,light extensio,6volt,heavy duty two conductor,16 gage,15ft.long	6	8							
40 C 35080	Cord, light,extension,heavy duty,two conductor,16 gage,25 ft.long	8	24							
40 C 920	Gage,drill,for wire gagedrills,sizes, 6 to 60 inclusive	2	4							
40 C 965	Chuck,drill,3-jaw,ball bearing,hv-									

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41 A 329-200	Applier piston ring	-	2	-						
8 B 50	Bar towing univ. type	1	4	-	RIV	28591	Bar towing	1	4	-
17 B 13990	Bench test universal for testing generators & starting motors	-	1	-						
38 B 675	Brush acid soldering black bristles length overall 8½" Brush dia. ½ in.	3	48	-	FB	0586	-Brush-steel-wire-welders			
38 B 1005	Brush cleaning,steel wire, med.hard rect.handled	6	12	-	FB	0560	Brush steel wire welders	6	12	-
38 B 3345	Brush sash tool oval No 5	-	48	-	LV6WT2	35152	Brush sash tool No 6	-	48	-
40 B 75	Bar boring for conn rod bearings	-	-	1						
40 B 870	Brush carbon cleaning and type sol. filled w/1/4 in shank dia 1 in min	6	12	-						
40 B 880	do. side flare dia.2½in min 1/4in shank	6	12	-						
41 B 20	Bar boring camshaft and main bearge univ. type	-	-	2						
41 B 177	Bar, crow pinch point	-	2	-	LV6WT2	13276	Crowbar, chisel and point 2 ft.	-	2	-
41 B 255	Bar jimmy 24 in length	2	4	-			do.	2	4	-
41 B 315	Bar, spring shackle greasing solid	1	2	-						
41 B 333	Bar, carpenter's wrecking goose-necked size of stock 3/4in length24"	-	2	-						
41 B 493	Bench workshop metal top folding legs height 33" width 28 1/4 in length 72 in	-	18	-						
41 B 530	Benders copper sizes 1/4,5/16, 3/8 7/16,½,and 5/8 in tubing set	1	1	-	FA	0270	Bolts bending	1	1	-
41 B 582	Bevel sliding T metal handle. length of blade 6 in.	-	2	-						
41 B 1465	Blocks "V" complete w clamp set of 2	-	-	2						
41 B 1635	Blocks, miter adjt. without saw	-	1	-						
42 B 25520	Bucket metal 14 quart capacity	4	15	-	KF	0931	Buckets, 13 inch	4	15	-
8 C 5300	Chuck Gage tire pressure 20/130 lbs	2	2	-	LV6WT1	27674	Gauge tyre No 8 -45/120 lbs.	2	2	
17C 9635	Charger,battery,portable,12volt,2000 watt,gas engine driven	1	4	-	28	1120	Charging set 1250 watt No.1	1	4	
17 C 10580	Clip,universal,for battery use,25 ampere capacity.	20	80							
17 C 35070	Cord,light extensio,6volt,heavy duty two conductor,16 gage,15ft.long	6	8							
40 C 35080	Cord, light,extension,heavy duty,two conductor,16 gage,25 ft.long	8	24							
40 C 920	Case,drill,for wire gagedrills,sizes, 8 to 80 inclusive	2	4							
40 C 965	Chuck,drill,3-jaw,ball bearing,hv-duty type,complete with Morse taper arbor and key,cap.1/8in.3/4 in.		1							
40 C 4008	Cleaner,high pressure,vapor-operating and cleaning electric-driven 110volt 60 cycle,single phase		2							
40 C 1006-20	Cleaner,engine kerosene,spray, 1 quart cap.	-	2	-						
40 C 1013	Cleaner & tester, spark plug, comp. air, abrasive type, 110 volt, 60 Cycle	1	1	-						
40 C 1345	Cap; paint spray gun 1 Qt. Cap	2	8	-						
41 C 15	Cabinet, tool, steel w drawers & bench top	6	12	-						
41 C 56	Calipers, firm joint,inside, 12 in	-	2	-	FA	0585	Callipers 4 in inside	-	2	-
41 C 75	Calipers, firm joint, outside 12 in.	-	2	-	FA	0586	do outside	-	2	-
41 C 304	Capilers, micro. inside,range 2/.8 in set	1	2	2						
41 C 307-10	Calipers; micro. outside,English w/ ratchet stop, range 0/6 in by 1/1000ths (6 mics;) in case set	1	2	2	FA	3035	Micrometers outside 0-1 in	1	2	2

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Fedl. Stock No:	AMERICAN DESIGNATION.	Ech. Set No 3	4	5	Sect. & P/No.	BRITISH DESIGNATION.		Ech. Set.No. 3	4	5
41 C 445	Carrier storage battery straight type	4	6	-						
41 C 465	Case, metal for carrying hand lub. gun	1	2	-						
41 C 1730	Clamp, C Red. service sizes 4 inch.	1	8	-	FA 0930	Clamps screw engineers C type		2	16	-
41 C 1732	Clamp, do. size 8 inch	1	4	-						
41 C 1736	Clamp do. 10 inch	-	4	-						
41 C 1835	Clamp, hyd. brake cyl.(set of 4) set	4	9	-						
41 C 2155	Cleaners, piston ring groove set, blade sizes; 3/32, 1/8, 5/32, 3/16 & 1/4 cpte w drill jig, land cutter and chamfering cutter	-	4	-						
41 C 2280	Clippers, bolt, rigid head, clipper cut capacity 1/4 inch rod 3/16 bolts in threads	1	2	-						
41 C 2283	Clippers, bolt rigid head, cutter clipper cut cap. 3/8 in, rd steel rod 5/8 in bolts 30 inch long	1	1	-						
41 C 2480	Clutch rebuilder univ. type Auto & truck cpte w rebuilder manual	-	1	1						
41 C 2550	Compressor, piston ring univ.	2	4	-						
41 C 2674	Cradle, removing & replacing transfer case	1	1	-						
41 C 2765	Crimper terminal for crimping all solderless terminals on elec wiring	1	2	-						
41 C 2825	Cutter tube, for copper, brass, tin and lead tubing cap 1/8 - 3/4 inch	1	2	-	FA 3280	Pipe cutters small		1	2	-
41 C 2985	Cutter glass, turrett hd. type for cutting plate, polished and all smooth glass	2	-	-	FA 1066	Diamonds Glaziers		2	-	-
41 C 3056	Cutter pipe 1/8 in - 2 in	-	1	-	FA 3281	Pipe cutters medium		-	1	-
42 C 4106	Can; water, radiator filling 3 gall	-	2	-						
51 C 2175	Cylinder Acetylene 225 CU.FT. Filled	2	8	-	HA 0542	Cyl. Acet. 100 cu.ft.		4	16	-
51 C 2225	Cylinder Oxygen 220 cu.ft; filled	4	16	-	HA 0561	Cyl. Oxigen 150 cu.ft.		6	24	-
64 C 281	Can water, 5 gallon cap.	2	-	-	LV6MT137556	Cans petrol		2	-	-
66 C 1175	Compressor, air portable gas engine driven 5 H.P. 16 cu .ft. cap with tank and hose	1	3	1	LV6 MT9 30677	Compressors air port 1½ HP engine petrol		1	3	1
40 D 180	Dispenser grease, port. small, gas engine driven	1	2	-1-						
40 D 281	Drift drill No. 2 socket 5 3/4 in to 6 3/4 in length	-	1	-						
40 D 282	do. No 3 socket, 65/8 in to 7½in lgth	-	1	-						
40 D 341	Drill, port elect., univ current 1 1/4" hvy duty 115 volt	1	4	-	NIV FB 1895	Machine drilling port elect.	5/16	1	4	-
40 D 343	Drill port. elec: univ curt. 3/8 hvy duty 115 volt	1	-	-		do.	3/8	1	-	-
40 D 345	Drill port. elec. univ.curt. ½" h.d. 115 volt	-	2	-		do.	35/64	-	2	-
40 D 357	Drill port.elec.univ.curt. 3/4 in capacity h.d. cpte w bench stand	1	2	-						
40 D 1805	Drill twist H.S.S. Slgit shk 1/8 in	12	12	-	LV6MT2/8026	Drills twist carbon steel parallel shank	1/8	12	12	-
40 D 1806	do. 9/64 in	4	12	-	8027		9/64	4	12	-
40 D 1807	do. 9/32 in	4	12	-	8028		5/32	4	12	-
40 D 1808	do. 11/64 in	4	12	-	8029		11/64	4	12	-
40 D 1809	do. 3/16 in	12	12	-	8031		3/16	12	12	-
40 D 1810	do. 13/64	4	12	-	8032		13/64	4	12	-
1811	do. 7/32 in	4	12	-	8033		7/32	4	12	-
2	do. 15/64 in	4	12	-	8034		15/64	4	12	-
3	do. 1/4 in.	12	12	-	8036		1/4	12	12	-
4	do. 17/64 in.	2	2	-	8025		17/64	2	2	-
5	do. 9/32 in	2	2	-	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]

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41 C 2260	Clippers, bolt,field head, clipper cut capacity 1/4 inch rod 5/16 bolts in threads	1	2	-						
41 C 2283	Clippers, bolt rigid head,cutter clipper cut cap. 3 in.rd;steel rod 5/8 IN bolts 30 inch long	1	1	-						
41 C 2480	Clutch rebuilder univ. type Auto & truck cpte w rebuilder manual	-	1	1						
41 C 2550	Compressor, piston ring univ.	2	4	-						
41 C 2674	Cradle,removing & replacing transfer case	1	1	-						
41 C 2765	Crimper terminal for crimping all solderless terminals on elec wiring	1	2	-						
41 C 2825	Cutter tube, for copper, brass,tin, and lead tubing cap 1/8 - 3/4 inch	1	2	-	EA 3280	Pipe cutters small	1	2	-	
41 C 2885	Cutter glass, furrett hd.type for cutting plate, polished and all smooth glass	2	-	-	FA 1066	Diamonds Glaziers	2	-	-	
41 C 3056	Cutter pipe 1/8 in - 2 in	-	1	-	FA 3281	Pipe cutters medium	-	1	-	
42 C 4100	Can; water, radiator filling 3 gall	-	2	-						
51 C 2175	Cylinder Acetylene 225 CU.FT. Filled	2	8	-	HA 0542	Cyl. Acet. 100 cu.ft.	4	16	-	
51 C 2225	Cylinder Oxygen 220 cu.ft; filled	4	16	-	HA 0561	Cyl. Oxigen 150 cu.ft.	6	24	-	
64 C 281	Can water, 5 gallon cap.	2	-	-	LV6MT137556	Cans petrol	2	-	1	-
66 C 1175	Compressor airportable gas engine driven 5 H.P. 16 cu .ft. cap with tank and hose	1	3	1	LV6 MT9 30677	Compressors air port 1½ HP engine petrol	1	3	1	
40 D 180	Dispenser grease, port. small, gas engine driven	1	2	~~1~~						
40 D 281	Drift drill No.4 socket 5 3/4 in to 6 3/4 in length	-	1	-						
40 D 282	do. No 3 socket, 65/8 in to 7½in lgth	-	1	-						
40 D 341	Drill, port elect.,univ current 1 1/4" hvy duty 115 volt	1	4	-	HLV FB 1895	Machine drilling port elect. 5/16	1	4	-	
40 D 343	Drill port. elec: univ curt. 3/8 hvy duty 115 volt	1	-	-		do. 3/8	1	-	-	
40 D 345	Drill port. elec. univ.curt. ½" h.d. 115 volt	-	2	-		do. 35/64	-	2	-	
40 D 357	Drill port.elec.univ.curt. 3/4 in capacity h.d. cpte w bench stand	1	2	-						
40 D 1805	Drill twist H.S.S. Stght shk 1/8 in	12	12	-	LV6MT2/8026	Drills twist carbon steel parallel shank 1/8	12	12	-	
40 D 1806	do. 9/64 in	4	12	-	8027	9/64	4	12	-	
40 D 1807	do. 9/32 in	4	12	-	8028	5/32	4	12	-	
40 D 1808	do. 11/64 in	4	12	-	8029	11/64	4	12	-	
40 D 1809	do. 3/16 in	12	12	-	8031	3/16	12	12	-	
40 D 1810	do. 13/64	4	12	-	8032	13/64	4	12	-	
40 D 1811	do. 7/32 in	4	12	-	8033	7/32	4	12	-	
3	do. 15/64 in	4	12	-	8034	15/64	4	12	-	
4	do. 1/4 in.	12	12	-	8035	1/4	12	12	-	
5	do. 17/64 in.	2	4	-	8036	17/64	2	4	-	
6	do. 9/32 in	2	4	-	8038	9/32	2	4	-	
7	do. 19/64	2	4							
8	do. 5/8	6	4		8040	5/16	6	4	-	
9	do. 21/64	2	4							
20	11/32	2	4		8041	11/32	2	4	-	
1	23/64	2	4							
2	3/8	6	8		8043	3/8	6	8	-	
3	25/64	2	4							
4	13/32	2	4		8044	13/32	2	4	-	
5	27/64	2	4							
6	7/16	6-28	4		8046	7/16	6	4	-	
7	29/64	2	4							
8	15/32	2	4		8047	15/32	2	4	-	
9	31/64	2	4							
30	½	6	8		8087	½	6	8	-	
1	33/64	1	4							
2	17/32	1	8		17599	17/32	1	8	-	
3	35/64	1	4							
4	9/16	2	4		8091	9/16	2	4	-	
5	37/64	1	4							
6	19/32	1	4		8093	19/32	1	4	-	
	39/64	1	4							

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Fed. Stock No	AMERICAN DESIGNATION	Set No 3	Set No 4	Set No 5	Section 8 Part No	BRITISH DESIGNATION	Ech. Set No. 3	Ech. Set No. 4	Ech. Set No. 5
40 D 1837	Drill twist HSS STGHT SHK 5/8 in.	2	4	-	LV6HT2 8094	5/8	2	4	
38	41/64	1	4						
39	21/32	1	2		17419	21/32	1	2	
40	43/64	1	2	-					
41	11/16	2	2	-	8166	11/16	2	2	
42	45/64	1	2	-					
43	23/32	1	2	-	8168	23/32	1	2	
44	47/64	1	2	-					
45	3/4	2	4	-	8171	3/4	2	4	
40 D 1890	do. wire gage 1-80 incl set	2	4	-	FA 1316/1360	Drills tw.par.shk.1/32 wire 16/80	2	4	
40 D 1630	Drill twist HSS taper shk 33/64 in	-	1	-					
31	17/32	-	1	-	LV6HT2A 8177	Drills tw. c.s. morse taper shk.		1	
32	35/64	-	1	-					
33	9/16	-	1	-	8114	9/16		1	
34	37/64	-	1	-					
35	19/32	-	1	-	8118	19/32		1	
36	39/64	-	1	-					
37	5/8	-	3	-	8123	5/8		3	
38	41/64	-	1	-					
39	21/32	-	1	-	8122	21/32		1	
40	43/64	-	1	-					
41	11/16	-	1	-	8121	11/16		1	
42	45/64	-	1	-					
43	23/32	-	1	-	8128	23/32		1	
44	47/64	-	1	-					
45	3/4	-	2	-	8130	3/4			
46	49/64	-	1	-					
47	25/32	-	1	-	8129	25/32		1	
48	51/64	-	1	-					
49	13/16	-	1	-	8124	13/16		1	
50	53/64	-	1	-					
51	27/32	-	1	-	8131	27/32		1	
52	55/64	-	1	-					
53	7/8	-	1	-	8126	7/8		1	
54	57/64	-	1	-					
55	29/32	-	1	-	8127	29/32		1	
56	59/64	-	1	-					
57	15/16	-	1	-	8140	15/16		1	
58	61/64	-	1	-					
59	31/32	-	1	-	8142	31/32		1	
60	63/64	-	1	-					
61	1 inch	-	1	-	8144	1 in.		1	
41 D 185	Die armature rethreading	1	-	-					
41 D 200	Die axle rethreading 5/8, 3/4, 7/8, 1, 1 1/4 inch	1	-	-					
41 D 1410	Dressor cont.ct point,flexible abrasive nonconducting	100	100	-					

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40 D 1820	Sc. wire gage 1-80 incl set	2	4	-	FA 1316/1360	Drills tw.par.shk.1/32 wire 16/80		?	4	
40 D 1830	Drill twist RSS taper shk 33/64"	-	1	-						
31	17/32	-	1	-	LV6BT2A 8117	Drills tw. c.s. morse taper shk.			1	
32	35/64	-	1	-						
33	9/16	-	1	-	8114		9/16		1	
34	37/64	-	1	-						
35	19/32	-	1	-	8118		19/32		1	
36	39/64	-	1	-						
37	5/8	-	3	-	8123		5/8		3	
38	41/64	-	1	-						
39	21/32	-	1	-	8122		21/32		1	
40	43/64	-	1	-						
41	11/16	-	1	-	8121		11/16		1	
42	45/64	-	1	-						
43	23/32	-	1	-	8128		23/32		1	
44	47/64	-	1	-						
45	3/4	-	2	-	8130		3/4			
46	49/64	-	1	-						
47	25/32	-	1	-	8129		25/32		1	
48	51/64	-	1	-						
49	13/16	-	1	-	8124		13/16		1	
50	53/64	-	1	-						
51	27/32	-	1	-	8131		27/32		1	
52	55/64	-	1	-						
53	7/8	-	1	-	8126		7/8		1	
54	57/64	-	1	-						
55	29/32	-	1	-	8127		29/32		1	
56	59/64	-	1	-						
57	15/16	-	1	-	8140		15/16		1	
58	61/64	-	1	-						
59	31/32	-	1	-	8142		31/32		1	
60	63/64	-	1	-						
61	1 inch	-	1	-	8144		1 in.		1	
41 D 195	Die armature rethreading	1	-	-						
41 D 200	Die axle rethreading 0 L F I 5/8,3/4,7/8,1,1-1/8, 1-1/4 inch	1	-	-						
41 D 1410	Dresser cont.et point.flexible abrasive nonconducting	100	100	-						
41 D 1425	Dresser emery wheel 4 cutter,type dia.of cutters 1 1/8 in complete with set of six cutters	1	2	-						
41 D 1683	Drill, breast plain:cap of chuck 1/8 to 3 in	1	-	-	LV6BT2 8006	Drill stock breast 0-½ in. 3 Jaw.		1		
41 D 2880	Driver,bushing,complete with mandrels 4 to 1 1/8 in set	1	2	-						
42 D 1280	Drum inflammable liquid (gasoline) capacity 5 gallons	4	-	-	LV6BT1 37656	Cans petrol		4		
41 E 562	Extractor,set,screw No 1-5	2	4	-						
58 E 200	Extinguisher fire CTC type 1 gall.	4	7	-	LV6BT1/2212	Exting. fire ctc 1 gr.		15	28	
8 F 1000	Filler battery dist. water unbreakable type cap 1 gallon	2	4	-						

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Feul.Stock No.	DESIGN DESCRIPTION	Sch.Set No. 3	4	5	BRITIS Sec.Part No.	DESIGNATION	Sch.Set.No. 3	4	5
[illegible] F [illegible]	Filler,battery,syringe&oz.cap:	2	2		LV6MT4 144059	Syringes battery filling	2	2	
21 F 540	Figure,stamping,Gothic,square stock,5/64in.set of 3 to 8	1	1		FA 5150	Stamps steel 5/64 0-8	1	1	
41 F 1515	File,thread restorer	2	4						
41 F 2050	Filler,piston ring,univ.type	-	4	-					
41 F 2080	Filler,hydlc.brake,master cyl.	2	-	-					
41 F 2087	Filler,hydlc.brake&master cyl. pressure feed.	1	2	-					
41 F 2002	Flatter,blacksmiths',square face,handled,etc.	-	1	-	FA 1824	Flatters	-	1	-
41 F 3155	Forge,blacksmiths'port.c/blower attachment	1	1	-	LV6MT2 17545	Forges portable 32x26"	1	1	-
41 F 3507	Fuller,blacksmiths' button, sm.shk,1in.	-	2	-	FA 1847	Fullers button small shank 1/2"	-	1	-
41 F 3503	do. sm.shk.3/4in.	-	1	-					
41 F 3514	Fuller,blacksmiths',top,handled-1in.	1	-	-	FA 1855	Fullers Top 1/2"	-	1	-
41 F 3515	Fuller,blacksmiths',top,handled 3/4 in.	-	1	-					
41 F 3519	do. 1 in.	-	1	-					
41 F 3520	do. 2 in.	-	1	-					
41 F 3500	Funnel,reinforced spout 8 quart	2	-		LV6MT1/3191	Funnels Garage Patt	1	2	-
41 F 3502	Funnel with flexible tube 1 qu.	2	-						
41 F 3503	Funnel,2 quart	1	2	-	KE 3667	Measures oil 1/2 gall.	1	2	-
8 G 815	Gage,tire pressure,gen.service type(dual foot)	1	-	-					
8 G 850	Gage,tire pressure,precision type.	1	2	-	LV6MT1 23541	Gauges tyre 0/50 lbs.	1	2	-
17 G 1076-500	Generator,A.C.port.500watt, gasoline-driven,110volt 60cyc. single phase.	-	2	-					
17 G 2015	Generator,A.C.port.gas-eng-driv. 25 K.V.A.60cyc.115/230,3phas.wire	1	1						
17 G 2025	Generator,A.C.port.gas-eng-driven 110 volt.60 cycle,3600	1	-	-					
17 G 3040	Growler,dble-pound,gener.starter armat.up to 6in.diam.	1	1	-					
17 G 2040	Gloves,welders',heavy leather, with 8in.lined gauntlet,lar.size.	-	4	-	LV6MT1 27197	Gauntlets asbestos 14 in for acetylene welders	-	4	-
37 G 3455	Goggles,chippers' eye cup,with lenses,clear,pr.	2	4	-					
37 G 3704	Goggles,welders',eye cup,w/lenses shade 5,pr.	-	4	-					
40 G 100	Grinder,brake lining,univ.port.	-	2	-					
40 G 103	Grinder,for connection rods,piston pin holes,cylinde bolt holes, hydlc.brake cyls.steering sector lever arm,cluster gears,etc.	-	2	-					
40 G 128-10	Grinder elec. port. aerial with stand 1 h.p 5 x 1 in wheel	1	2	-					
40 G 131	Grinder elec., port.auto parts and crankshaft regrinding	-	-	1					
40 G 142-5	Grinder, chest bench 7x1" wheels	4	-	-	LV6MT2 4075	Grinders tool bench 7" wheel	1	-	-
40 G 144-5	Grinder elec.bench 10x1" wheels 110 volts 60 cycle single phase	-	2	-					
40 G 149	Grinder elec.sys.grinding								

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	Vise,blacksmiths,etc.					FA 1824	Vises				
41 F 3155	Forge,blacksmiths'port.w/blower attachment	1	1	-	LV6MT2 17545	Forges portable 32x26"	1	1	-		
41 F 3502	Fuller,blacksmiths' bottom, sq.shk. in.	-	1	-	FA 1847	Fullers bottom small shank 1/2"	-	1	-		
41 F 3503	do. sq.shk.3/4in.	-	1	-							
41 F 3514	Fuller,blacksmiths',top,handled- 3/4 in.	-	1	-	FA 1865	Fullers Top 1/2"	-	1	-		
41 F 3515	Fuller,blacksmiths',top,handled 1/2 in.	-	1	-							
41 F 3519	do. 1 in.	-	1	-							
41 F 3520	do. 2 in.	-	1	-							
41 F 3580	Funnel,reinforced spout 8 quart	1	2	-	LV6MT1/3191	Funnels Garage Batt	1	2	-		
41 F 3582	Funnel with flexible tube 1 qu.	1	2	-							
41 F 3583	Funnel,2 quart	1	2	-	KE 3667	Measures oil 1/2 gall.	1	2	-		
8 G 615	Gage,tire pressure,non.service type(dual test)	1	-	-							
8 G 650	Gage,tire pressure,precision type.	1	2	-	LV6MT1 28541	Gauges tyre 0/50 lbs.	1	2	-		
17 G 1071-50	Generator,A.C.port.500watt, spool-eng-driven,115volt 60cyc. single phase.	-	2	-							
17 G 2035	Generator,A.C.port.eng-eng-driv. 25 K.V.A.60cyc.115/230,3phas.wire	1	1								
17 G 2035	Generator,A.C.port.gas-eng-driven 115 volt.60 cycle,1phase	1	-	-							
17 G 5940	Grouler,hole-punch gener.(starter group.up to 6in.diam.	1	2	-							
37 G 2840	Glover,welders',heavy leather, with 6in.lined gauntlet,cur.size.	-	4	-	LV6MT1 27197	Gauntlets,asbestos 14 in for acetylene welders	-	4	-		
37 G 2455	Goggles,chippers' eye cup,with lenses,clear,pr.	2	4	-							
37 G 2704	Goggles,welders',eye cup,w/lenses shade 5,pr.	-	4	-							
40 G 100	Grinder,brake lining,univ.port.	-	2	-							
40 G 102	Grinder,for connecting rods,piston pin bolts,crankshaft bolts, hydromatic pump,steering column housings,cluster gears,etc.	-	2	-							
40 G 128-10	Grinder elec. port. aerial with stand 1 h.p.6 x 1 in wheel	1	2	-							
40 G 131	Grinder elec., port.auto parts and crankshaft regrinding	-	-	1							
40 G 142-5	Grinder, chest bench 7x1" wheels	4	-	-	LV6MT2 4075	Grinders tool bench 7" wheel	1	-	-		
40 G 144-5	Grinder elec.bench 10x1" wheels 115 volts 60 cycle single phase	-	2	-							
40 G 149	Grinder elec.cam grinding & general purpose	-	-	1							
40 G 151	Grinder, cyl. hone capacity 2 11/16 to 5 5/8 in.	-	-	2							
40 G 165	Grinder elec port tool post, external & internal cutlis 1/4 hpr; universal current	-	-	1							
40 G 168	Grinder, elec surface bench, 11 in 2 basket wheel 1 hp and 2 hp motor 220 volt	-	-	1							
40 G 475	Gun air blow cleaning	4	4	-							
40 G 486-25	Gun lubr. air op. high pressure 1 lb. (Chassis lubr)	1	2	-							
40 G 500	Gun lubr. air operated 25 lb cap	-	2	-							
40 G 536	Gun, paint spray system feed 7 cu ft per min	1	4	-	LV6MT2/26359	Outfits paint spray ben model complete	1	4	-		
[illegible]	Gage brake shoe complete with centering cone	-	2	-							
41-G 49-3	Gage crankshaft out of round set 8 drive lips	-	-	1							

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Fed. Stock No.	AMERICAN DESIGNATION	Eqt. Stat. No. 3	4	5	Sec. Part. No.	BRITISH DESIGNATION	Eqt. Stat. No. 3	4	5
41 G 705	Gage,tension,for contact points/brushes calibrated 0 to point.) oz.graduations comp.w/push rod & hook.	1	-	2					
41 G 727	Gage,cyl.dial type 2,3/16in.to 6 in.	-	-	1					
41 G 12[illegible]	Gage,cyl.compression,univ.type w/rubber adapter for all size spark plug holes,also fitting for cab-over-engine type vehicles	2	2						
41 G 705	Gage hydraul.brake cyl.co-ge univ.sizes 7/8 to 1 in.set	-	-	1					
41 G 278	Gage,screw pitch 51 pitches 4-84 threads per inch	-	2	-					
41 G 336	Gage,snap adjust limit wrench 4 to 1 in model 4 size 2	-	2	2					
41 G 407	Gage thickness in 12 in strips,set	2	12	-	FA 2006	Gauges feeler.	2	12	
41 G 455	Gage,twist drill rect. 1/10 - 4 in 64ths	1	1	-					
41 G 470	Gage,twist drill and drill rod rect. Nos 1 - 60	1	1	-					
41 G 500	Gage combination vacuum & pressure	2	2	-					
41 G 510	Gage wheel aligning for correcting toe-in	2	2	-					
41 G 815	Grinder wheel hand universal type	1	4	-					
41 G 1230 60	Gun,lubr. lever type high pressure 1 lb.	1	2	-					
41 G 1230 75	Gun lubr. lever type low pressure 1 lb. universal joint	-	2	-					
41 G 1244 25	Gun lubr push type high pressure (water pump)	1	2	-					
41 G 1244 50	Gun lubr.push type med pressure (wheel bearing)	-	2	-					
41 G 1355	Gun lubr. hand op.oil, suction type cap. 8 oz. cote w.goose neck and flex nozzle (differential and transmission)	1	2	-					
41 G 1370	Gun lubr hand operated oil suction type capacity 8 oz chamois w.60" nozzle and flex nozzle (shock absorber)	1	1	-					
41 G 1425	Gun lubr, pump,bucket, low pressure with flex hose 25 lbs. capacity	1	2	-					
18 H 640	Hydrometer, anti freeze sol. De-natured alcohol glycerine & eth.glycol	2	2	-					
18 H 1240	Hydrometer storage battery testing complete with box	2	6	-	LV6NT4 4647	Hydrometers acid testing.	2	6	
33 H 170	Hose air 1/4in.I.D.25foot length	6	20	-					
33 H 1000	Hose,water,braided type,3/4in.,50 feet long.	-	4	-					
37 H 1000	Helmet,welding,filter glass shade 10	2	2	-	LV6NT1/5950	Welders screens leather band	2	2	
41 H 136	Hammer,blacksmiths',hand(set,hammer)w/hdl. 2 lb.face	1	2	-	FA 2140	Hammers smiths 2 lb.	1	2	
41 H 1502	Handle,socket wrench,hinged,3/4in.sq-drive length18in.	1	8	-					
41 H 1510	Handle,soldering,iron.	2	4	-					
41 H 1601	Hardie,blacksmiths'sq.shank,3/4in.shank.	1	-	-	FA 1040	Cutters Anvil small shank.	1	-	
do. 1504	do. 1,1/8in.	-	2	-					
do. 1637	Hatchet,claw,width at cutting edge,size3/4 and 1 in.set	-	1	-	JA 0064	Axes, hand	-	1	-
do. 2122	Hoist chain 1,1/2ton cap,spur gear	-	2	-					
do. 2183	" trolley chain,1½ton cap.spur gear	1	2						
41 I 100	Indicator,test,univ.dial type	1	1	-					
do. 130	" wheel alignment part.	2	1	1					

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41 G 430	Gage,cone,twist drill reset [illegible] model A size	-	2	2				
41 G 407	Gage thickness in 12 in strips,set	2	17	-	FA 2006	Gauges feeler.	2	17
41 G 455	Gage,twist drill rect. 1/16 - 1 in x64ths	1	1	-				
41 G 460	Gage,twist drill and drill rod rect. Nos 1 - 80	1	1	-				
41 G 500	Gage combination vacuum & pressure	2	2	-				
41 G 510	Gage wheel aligning for correcting toe-in	2	2					
41 G 815	Grinder wheel hand universal type	1	1	-				
41 G 1330 68	Gun, lubr lever type high pressure 1 lb.	1	2	-				
41 G 1330 75	Gun lubr. lever type low pressure 1 lb. universal joint	-	2	-				
41 G 1334 95	Gun lubr push type high pressure (water pump)	1	2	-				
41 G 1364 50	Gun lubr push type med pressure (wheel bearing)	-	2	-				
41 G 1365	Gun lubr. hand op.oil, suction type cap. 10 oz. cpts w gauge neck and flex nozzle (differential and transmission)	1	2	-				
41 G 1370	Gun lubr hand operated oil suction type capacity 8 oz complete w.long nozzle and flex nozzle (shock absorber)	1	1	-				
41 G 1425	Gun lubr. pump bucket, low pressure with flex hose 25 lbs. capacity	1	2	-				
18 H 940	Hydrometer, anti freeze sol. De-natured alcohol glycerine & eth.glycol	2	2	-				
18 H 1240	Hydrometer storage battery testing complete with box	2	6	-	LV6MT4 4647	Hydrometers acid testing.	2	6
33 H 170	Hose air 1/4in.I.D.25foot length	8	20	-				
33 H 1008	Hose,water,braided type,3/4in.,50 foot long.	-	4	-				
37 H 1800	Helmet,welding,filter glass shade 10	2	2	-	LV6MT1/5950	Welders screens leather bound	2	2
41 H 126	Hanger,blacksmiths',hand(set,hammerle/bdl. 15 in.taco	1	2	-	FA 2140	Hammers smiths 2 lb.	1	2
41 H 1502	Handle,socket wrench,hinged,1/2in.sq-drive length18in.	1	8	-				
41 H 1510	Handle,soldering,iron.	2	4	-				
41 H 1561	Handle,blacksmiths'sq.shank,3/4in.shank.	1	-	-	FA 1040	Cutters Anvil small shank.	1	-
do. 1564	do. 1,1/8in.	-	2	-				
do. 1837	Hatchet,claw,width at cutting edge,size2 1/4 and 1 in.set	-	1	-	JA 0064	Axes, hand	-	1 -
do. 2127	Hoist chain 1,1/2ton cap,spur gear	-	2	-				
do. 2183	" trolley chain,1 1/2ton cap.spur gear	1	2					
41 I 100	Indicator,test,univ.dial type	1	1	-				
do. 130	" wheel alignment port.	2	1	1				
do. 687	Iron,soldering,elec.w/extra tip & hinged metal case,125 watts-max,tip dia-min.7/16in. 75 in.115volts	2	2	-	FB 1362	Irons soldering elect. 9 1/4 oz.	2	2
41 I 687	Iron,soldering,elec.w/extra tip and hinged 20metal case,125watts-max tip dia-min.5/16in. max.O.115volts.	1	1	-				
do. 700	Iron,soldering;non-elec.pyred.point,1lb,p.n2	2	-	-	FA 2406	Irons soldering 1 3/4 lbs.	2	2
do. 702	do. 2lb P.N	-	2	-	"	" "	-	2
do. 772	do. ,tire,curved type,14in.long	-	2	-	LV6MT2 45447 8	Levers type no 1 16 1/4 in.	-	2
do. 773 50	" ,driving,for driving tires off rusted rims	-	2	-				
do. 774	Iron,tire,military type,21 1/2in.long	-	8	-	LV6MT2 45447 8	Levers type no 1 & 2		4 ea.
do. 775	Iron,tire,to remove tires from drop center rims,set.	-	2	-				
do. 780	Iron,tire,hand,univ.length 18in.set	3	-	-	LV6MT2 45447 8	Levers type no 1 no 2	2	-
41 J 73-5	Jack,tire,hand,automobile & motor truck,hydlic.7-ton cap.	4	4	-	LV6MT1 31443	Jack lifting screw 4 ton	4	4
~~[illegible]~~	~~Jack,hydlic push & pull type,[illegible]~~							

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AMERICAN					BRITISH		G		
Fgd Stock No.	DESIGNATION	Ech Set. NO. 3	4	5	Sec.Part.No.	DESIGNATION	Ech. Set. NO. 3	4	5
41J 116	Jack,hydlc.push and pull,type,w/press and attachments,10ton cap.set	1	2	1	LV6 NT1 11544	Jacks lifting hyd. 10 ton	1	2	1
do. 118	Jack,hydlc.push &pull type,20ton cap.and attachments set	-	1	-					
do. 154	Jack,roller car type,hydlc.10ton Cap.	-	2	2					
do.325	Jaws,vise,copper,4in.(set of 2)set	2	4	-					
do. 387	Jig,holding device,for carburetor,fuel pump & distrib.repair	1	2	-					
17 K 375	Kit,wiring and fixture,elect.	1	-	-					
17 K 400	do. (packed in 5 boxes)	-	2	-					
41 K 79	Kit,fuel pump repair	1	2	-					
do . 103	Kit,casting repair	-	-	1					
do. 789	Kit repair,windshield wiper	1	2	-					
17 L 7550	Lantern,elec.hand	33	6	-					
40 L 15	Lathe,brake drum,elec.h/duty.	-	1	1	LV6/NT9				
40 L 24	Lathe,engine,com.w/bench,motor-driven,10 in.swing,6ft.bed,back geared,1/4-3.,110 volt,60 cycle,single phase,to include,lam. & small face plates,wrenches,centers,2 com. sets of bolts,steady-rest,thread-chl-ind. cutters,chucks,dogs,holders,mandrel.					Lathe engineers 7 in. SS and S.C. type (complete with motor regulator & starter)			
40 L 26	Lathe,engine,motor driven,10 in.swing,5ft. bed,1/4 h.p.geared head,batch type,110 v. 60cycle,single phase,complete.	-	2	-		do		2	-
40 L28-10	Lathe,eng,motor-driven,10in.swing,6ft. bed,1hp.110-60cycl.1phase,comp.w/equip.	2	-	1		do.		-	1
41 L 102	Ladle,plumbers',double lip,4in.diam.	-	1	-	FA 2464	Ladles plumbers 4 in	-	1	-
do. 845	Letters,stamping,Gothic,sq.stock,3/8in. A-Z,h/duty,set	1	1	-					
do. 1256	Level & plumb,carpenters'wood,adjus.length 24 in.	1	-	-	FB 2645	Level spirit adjust	1	-	-
do. 1260	Lift,remov.&replac.transms.etc.	1	2	-					
do. 1408	Lifter,valve compr.type,remv.jams,pos. lock,cpl.w/ sets of jaws	1	4	-					
do. 1409	Lifter,valve spring,hand	2	4	-	LV6NT2/520	Lifter valve car size	[illegible]	[illegible]	[illegible]
do. 1670	Lubricator,bearing,port.	1	2	-					
40 M 2	Machine,boring,connecting rods,comp. w/fixtures & accessories	-	-	2					
40 M 3	Machine,relining,brake,combination counter-sinking,drilling,grinding &rivet.	1	1	1					
40 M 3-500	Machine,combination rod,boring &grinding comp.220 volt,60 cycle 3 phase	-	-	1					
40 M 4	Machine,cyl.boring,port.type,2,5/8to 5,1/4 in cap.	-	-	2					
40 M 6	Machine,cyl.boring cap.5,3/4to 7 1/4 in.	-	-	2					
40 M 167	Machine,frame,straightening,port.	-	-	1					
41 M 130	Machine,calibrating,for cal.handy gover.	-	4	4					
do. 191-30	" ,key,duplicating	-	1	-					
do. 484	Mallet,rawhide,weight 24oz.handled	2	4	-	FA 3004	Mallets plumbers	2	4	-
do. 940	Measure,S,w/flex.spout,1qt.valve control	2	4	-					
do. 941	do. 2qt.								
do.742	do. 8 quart,valve controlled. crankcase,filler	1	2	-	KE 3667	Measures oil 1/2 gall.	1	2	-
66 M 980	Machine,sewing,port.single needle,w/30in. arm,w/clearance-lever,each 3/4in.,1 1/4in.								

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41 K 10	Kit,fuel pump repair							
do. 103	Kit,casting repair	-	-	1				
do. 200	Kit repair,windshield wiper	1	2	-				
17 L 7550	Lantern,elec.hand	32	6	-				
40 L 15	Lathe,brake drum,elec.h/duty.	-	1	1	LV6/HT9	Lathe engineers 7 in.SS and S.C. type (complete with motor regulator & starter)		
40 L 24	Lathe,engine,com.w/bench,motor-driven,10 in.swing,4ft.bed,back geared,7/4h.p.,110 volt,60 cycle,single phase,to include,lev. & small jaw plates,wrenches,ca.jaws,cam sets of bolts,steady-rest,thread-dial-ind. cutters,chucks,dogs,holders,mandrel.							
40 L 16	Lathe,engine,motor driven,10in.swing,5ft. bed,1/4h.p.geared head,bench type,110 v. 60cycle,single phase,complete.	-	2	-		do	2	-
40 L 28-10	Lathe,eng.,motor-driven,16in.swing,6ft. bed,1hp.,110-60cycl.,3phase,comp.w/equip.	-	1			do.	1	1
41 L 182	Ladle,plumbers',double lip,4in.diam.	-	1	-	FA 2464	Ladles plumbers 4 in	-	1
do. 845	Letters,stamping,Gothic,en.stock,3/8in. A-Z,m/duty,set	1	1	-				
do. 1296	Level & plumb,carpenters'wood,adjus.lenght 24 in.	1	-	-	FB 2645	Level spirit adjust	1	-
do. 1360	Lift,remov.replac.trapers.etc.	1	2	-				
do. 1408	Lifter,valve,compr.type,remv.jaws,pos. lock,cpl.w/4 sets of jaws	1	4	-				
do. 1406	Lifter,valve spring,hand	2	4	-	LV6NT2/520	Lifter valve car size	2	4
do. 1600	Lubricator,bearing,port.	1	2	-				
40 M 2	Machine,boring,connecting rods,comp. w/fixtures & accessories	-	-	2				
40 M 3	Machine,relining,brake,combination counter-sinking,drilling,grinding & rivet.	1	1	1				
40 M 3-500	Machine,combination rod,boring & grinding comp.,220 volt,60 cycle 3 phase	-	-	1				
40 M 4	Machine,cyl.boring,port.type,2,5/8to 5,1/4in cap.	-	-	2				
40 M 6	Machine,cyl.boring cap.8,4to 7½ in.	-	-	2				
40 M 107	Machine,frame,straightening,port.	-	-	1				
41 M 130	Machine,calibrating,for cal.handy gover.	-	1	1				
do. 191-30	" ,key,duplicating	-	1	-				
do. 404	Mallet,rawhide,weight 24oz.handled	2	4	-	FA 3004	Mallets plumbers	2	4
do. 940	Measure,C,w/flex.spout,1qt.valve control	2	4	-				
do. 941	do. 2qt.							
do.247	do. crankcase,filler, 8 quart,valve controlled.	1	2	-	KE 3667	Measures oil 1/2 gall.	1	2
66 M 880	Machine,mixing,port.single needle,w/20in. arm,w/reserve-feed mech.3/4in.st.1/4in. finger,attachments,elec.mot-driven,h.p. 110 volts,single phase,w control in wood cabinet.	-	2	-				
33 N 100	Nozzle,hose,adj.metal non-corrosive 3/4 in.	-	2	-				
13 O 400	Oiler,small,hand,trigger operated,w/bracket bracket	2	4	-	KE 4120	Pourers oil	2	4
13 O 415	Oiler,spray,spring,trigger operated	-	2	-				
11 P 210	Pump,barrel,rotary,for kerosene or gas. gas.	1	2	-				
11 P 500	Pump,oil barrel,motor oil dispensing 1 qt.,15 to 50-gallon barrels or drums	2	4	-				
40 P 1170	Press,drill,motor-driven,back geared 10power feed,21in swing.	-	-	1				
40 P 1178	Press,drill,elec,mot.dr.floor type, 1 in.cap.16in.swing,sensitive,110v.60 c,sgle phase.	-	1	-				
41 P 175	Pan,drain,iron,4gallon cap.	2	6	-				

~~41 P 1516~~

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Fedl. Stock No.	AMERICAN DESIGNATION	3	Sal. 4	Rq. 5	Sec?Part. No.	BRITISH DESIGNATION	7 Tch. 3	Set. 4	Rq. 5
41 P1540	Plate,bench,sheet metal workers'	-	1	1					
do.1555-35	Plate,press,special front pinion bear. remover	-	-	1					
do. 1583	Plate,press,removing camshaft gear	-	-	1					
do. 1585	Plate,surface,cast iron,size 12in.x18	-	1	-					
do.1577	Pliers,brake key & snap ring	2	4	-					
do.1588	do. spring.	2	4	-					
do.7996	Pliers,spark plug term.hand crimping	1	-	-					
do.2110	Plug,radiator test,rubber,set of two (2)each, 7/8in.to2,-in.set	2	2	-					
do.2233	Poker,blacksmiths'	-	1	-	FA 3542	Poker smiths	-	1	-
do.2400	Pot,fire,gasoline,1 gallon cap.	-	2	-					
do.2730	Press,hydl.connecting rod.	-	1	-					
do.2740	do. 60ton cap.complete w/rack, pinion & ring gear riveting attachs.	-	1	-					
do.2905	Puller,bear.w/univ.plates & dies for elect. units.	1	1	-					
do.2905-30	Puller-set,bearing race,yoke type,for pulling & pushing gears bearings,etc.	1	2	-					
do.2910	Puller,gear,univ.type,large,12in.cap. compl.w/extra pair of long jaws	1	1	1					
do.2911	Puller,gear;univ.type,medium,rever. jaw 8in.cap.	1	2	1					
do.2912	do. small,reversible jaw,0 to 6in.cap.	1	2	-					
do.2950	Puller,nail,18in.	-	2	-					
do.2952	Puller,steering gear arm,univ.type, passenger car & light truck	1	1	-					
do.2954	Puller,steering wheel,univ.type	1	2	-					
do.2957	Puller,univ.slide-hammer type,rever. 3 jaw,outs.range 0 to 7 in.,ins.range 1,1/4 to 2,1/4in.	1	2	-					
do.3099	Punch-set,blacksmiths',round,hand,set	-	1	-	FA 3603	Punches centre 5 in.	-	1	-
do.3129	do. square.	-	1	-	FA 3657	" round 1/4 in.			-
do.3600	Punch,drive pin,polished faces & heads 1/16 in.	3	-	-					
do.3601	do.3/32in.	3	-	-	FA 3601	Punch centre 4 in.	3	-	-
do.3602	do.1/8in.	3	-	-	3655	" round 1/8	3	-	-
do.3604	do.3/16in.	3	-	-	3657	" " 1/4	3	-	-
do.3606	do.1/4in.	3	-	-	3659	" " 1/2	3	-	-
do.3607	do.5/16in.	3	-	-					
do.3608	do.3/8in.	3	-	-					
do.3724	Punch,set,hollow,W/mandrel1/4in.to 5/8in.	1	-	-					
do.3777	Punches,port.hand,lever type,set	-	-	1					
64 P2100	Pot,stock,steel,2Qt.w/side handles & cover(to hold liquid for heating pie.	-	-	1					
21 R 418	Rope,manila or sisal,1in.diam.tf.	-	300	-	LV6NT1 1629	Cordage hemp 1 in	-	250FS	-
41 R-488	Reamer,carbon steel,camshaft bearing	-	-	1					
do.1220	do. hand;expansion, in sets,cap.0.730 to 1.030in.	-	-	1	LV6NT2 46636	Reamer hand w. carbon steel insets 1/4/1/2 x 64ths	-	-	1
do.2275	Reamer,cyl.ridge,2,11/16in.to5in.cap.	1	1	1					

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do.2400	Pot,fire,gasoline,1 gallon cap.	-	2	-						
do.2730	Press,hydl.connecting rod.	-	1	-						
do.2740	do. 60ton cap.complete w/rack, pinion & ring gear riveting attach.	-	1	-						
do.2905	Puller,bear.w/univ.plates & disc for elect. units.	1	1	-						
do.2905-80	Puller-set,bearing race,yoke type,for pulling & pushing gears bearings,etc.	1	2	-						
do.2910	Puller,gear,univ.type,large,11in.cap. compl.w/extra pair of long jaws	1	1	1						
do.2911	Puller,gear:univ.type,medium,revar. jaw 8in.cap.	1	2	1						
do.2912	do. small,reversible jaw,0 to 6in.cap.	1	2	-						
do.2950	Puller,nail,18in.	-	2	-						
do.2952	Puller,steering gear arm,univ.type, passenger car & light truck	1	1	-						
do.2954	Puller,steering wheel,univ.type	1	2	-						
do.2957	Puller,univ.slide-hammer type,rever. 3 jaw,duts.range 0 to 7 in.,ins.range 1,1/4 to 2,3/4in.	1	2	-						
do.3000	Punch-set,blacksmiths',round,hand,set	-	1	-	FA 3603	Punches centre 5 in.	-	1	-	
do.3128	do. square.	-	1	-	FA 3657	" round 1/4 in.	2075		-	
do.3600	Punch,drive pin,polished faces & heads, 1/16 in.	3	-	-						
do.3601	do.3/32in.	3	-	-	FA 3601	Punch centre 4 in.	3	-	-	
do.3602	do.1/8in.	3	-	-	3655	" round 1/8	3	-	-	
do.3604	do.3/16in.	3	-	-	3657	" " 1/4	3	-	-	
do.3606	do.1/4in.	3	-	-	3659	" " 1/2	3	-	-	
do.3607	do.5/16in.	3	-	-						
do.3608	do.3/8in.	3	-	-						
do.3724	Punch,set,hollow,w/mandrel1/4in.to 5/8in.	1	-	-						
do.3777	Punches,port.hand,lever type,set	-	-	1						
54 P2100	Pot,stock,steel,20qt.w/side handles & cover(to hold liquid for heating pis.	-	-	1						
21 R 418	Rope,manila or sisal,1in.diam.tf.	-	300	-	LV6NT1 1679	Cordage hemp 1 in	-	250FS	-	
41 R 400	Reamer,carbon steel,camshaft bearing	-	-	1						
do.1720	do. hand:expansion, 4 sets,cap.0.730 to 1.030in.	-	-	1	LV6NT2 46536	Reamer hand w. carbon steel insets 1/4/1/2 x 64ths	-	-	1	
do.1775	Reamer,cyl.ridge,?,11/16in.to5in.cap.	1	1	1						
do.2230	" ,valve stem,adj.5/16in.to11/32	-	-	2						
do.1780	" :high speed steel bolder,hand, adj.straight shank,set.	1	2	-	LV6NT2 46536	Reamer hand w. carbon steel insets 1/4-11-x 64 ths	1	2	-	
~~41.0465-120.1~~	~~Ream,set,w/wood-inserts~~									
41 R 2230	Reamer,valve stem,adj.5/16in.to11/32	-	-	2						
do.2232	do. guide 11/32in.to3/8	-	-	2						
do.2335	Regulator,air,for radiator test.w/30 lb.pressure gage	1	2	-						
do.2369-400	Remover,camshaft bushing (set)	-	-	1						
do.2375-900	" & inserter,screw type,sizes inside diam.17/64to1,1/16in.bushing set	1	2	-						
do.2376	Remover & Replacer,lock ring,20in.long, for Firestone AM 5 Al rims	1	2	-						
do.2384-54	Replacer,valve lock key	3	4	-						
40 S 28	Sander;elec.port.	1	2	-						
do.1335	Saw,hack,motor-driven	-	-	1						
do.1340										

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Fed.Stock	DESIGNATION	Ech. Set. No. 3	4	5	Sec.Part.No.	DESIGNATION	Ech. Set. No. 7	8	9
41 S 1340	Saw,hole,high speed steel,sizes 7/8, [illegible] w/mandrel cap. [illegible] to [illegible] in.saws	1	2	-					
do.1345	Saw,circ.wood-cutting,14in., 110/220 volt,60 cycle,single phase	-	-	1					
do.1355	Separator,oil & water,w/one regulator	1	-	-					
do.1355	do.w/two regulators.	-	2	-					
do.1570	Shaper,metal,horiz.4in.to 7in.stroke	-	-	1					
do.1725	Shears,elec.hort.115 volt,univ.current	-	-	1					
do.1400	Socket,reducing,No.1 Morse taper hole No.1,Morse taper outs.	-	1	-					
41 S 205	Saw,miter-box	-	1	-					
do.468	Scale,piston fitting,w/feelers	-	-	1					
do.680	Scraper,valve guide hole,adj.type	6	4	-					
do.888	Scraper,headlight,adj.chart,10 ft.wide x [illegible] ft.high	1	-	-					
do.1830	Screwdriver,recessed screw set.	2	4	-	LV6MT2/24158	Screwdriver 1½ in. blade	2	4	-
do.2370	Setter & Extractor,stud,cap.3/16in. to 1 in.	-	1	-					
do.2390	do.,stud,socket wrench,½in.sq-drive, 5/16in.to5/8in.	2	6	-					
do.2685	Shears,slitting,lever type 3/16in.cap.	-	-	1					
do.3010	Shovel,blacksmiths'	-	1	-	LV6MT2/27240	Shovel S.S. 3½ lb.	-	1	-
do.3700	Sledge, " ,cross peen,w/handl. 8 lb.	1	2	-	FA 2183	Hammer,sledge straight pane 10lb.	1	2	-
do.3706	do. 12 lb.	1	2	-		do.	1	2	-
do.4065	Spout,can,for one or five gl.oil cans	2	-	-					
do.4167	Spreader,tire,hdlc.foot operated	1	2	-					
do.4561	Square,combination,w/center & bevel protractor,12in.	-	2	-	FA 5015	Square, fitters		2	-
do.4760	Stake,sheet metal workers',breakhorn	-	-	1					
do.4765	do.blowhorn	-	-	1					
do.4775	do.,candle mold.	-	-	1					
do.4780	do.,creasing	-	-	1					
do.4805	do.mandrel	-	1	-					
do.4922	Stand,act.front & rear univ.	-	-	4					
do.4942-13	Stand,engine overhaul	-	-	4					
do.4980	Stand,transmission & transfer case, comp.w/castors & brackets	-	-	4					
do.4985	Stand,engine,hv-duty,univ.for 6 & 8 cyl.inline engines	-	-	2					
do.5070	Straight edge,steel,correction resin, bevel edge,[illegible]in.length, [illegible] in.width, thickness [illegible]	-	1	-	FA 5071	Square smiths	-	1	-
do.5010	Stripper and Cutter,for high & low tension cable	1	2	-					
do.5075	Super-structure,hoist(for wrecker truck)	1	2	-					
do.5067	Swages,blacksmiths'bottom,sq.shank	-	1	-					
AB 50083	do. top,handled	-	1	-					

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do.4[illegible]	Stand,[illegible]	-	1	-					
47 S 205	Saw,miter-box	-	1	-					
do.[illegible]	Scale,piston fitting,w/fuelers	-	-	1					
do.[illegible]	Scraper,valve guide hole,adj.type	6	6	-					
do.[illegible]	Screen,headlight,adj.chart,[illegible] ft.wide x [illegible]	1	-	-					
do.[illegible]	Screwdriver,recessed screw set.	7	4	-	LV6MT2/24158	Screwdriver 1½ in. blade	2	4	-
do.[illegible]	Setter & Extractor,stud,cap.3/16in. to 1 in.	-	1	-					
do.[illegible]	do.,stud,socket wrench,[illegible]in.sq-drive, 5/16in.to3/4in.	7	8	-					
do.[illegible]	Shears,slitting,lever type [illegible]/16in.cap.	-	-	1					
do.3010	Shovel,blacksmiths'	-	1	-	LV6MT2/27240	Shovel G.S. 3½ lb.	-	1	-
do.3702	Sledge, " ,cross peen,w/handl. 8 lb.	1	2	-	FA 2183	Hammer,sledge straight pane 10lb.	1	2	-
do.3706	do. 12 lb.	1	2	-		do.	1	2	-
do.4065	Spout,can,for one or five gl.oil cans	2	-	-					
do.4107	Sprayer,lira,hdqlc.foot operated	1	2	-					
do.[illegible]541	Square,combination,w/center & bevel protractor,12in.	-	2	-	FA 5016	Square, fitters		2	-
do.4780	Stake,sheet metal workers',breakhorn	-	-	1					
do.4785	do.blowhorn	-	-	1					
do.4775	do.,candle mold.	-	-	1					
do.4780	do.,creasing	-	-	1					
do.4805	do.mandrel	-	1	-					
do.4822	Stand,act.front & rear univ.	-	-	4					
do.4842-13	Stand,engine overhaul	-	-	4					
do.4880	Stand,transmission & transfer case, comp.w/casters & brackets	-	-	4					
do.4885	Stand,engine,by-duty;univ.for 6 & 8 cyl.inline engines	-	-	2					
do.5070	Straight edge,steel,corrosion resis. level edge,[illegible]in.length,2in.width, thickness [illegible]in.	-	1	-	FA 5021	Square smiths	-	1	-
do.8016	Stripper and Cutter,for high & low tension cable	1	2	-					
do.8075	Super-structure,hoist(for wrecker truck)	1	2	-					
do.8087	Scraper,blacksmiths'bottom,sq.shank	-	1	-					
48 S 3083	do. top,handled	-	1	-					
42 S 21510	Stencil-set,brass,adj.figs.& letters 1 in. characters	1	2	-					
do.21520	do. height of chars.2 in.	-	2	-					
do.21930	do.4 in. characters	1	-	-					
17 T 5545	Tester,battery,univ.type	1	2	-					
do.5530	Tester,ignition circuit,high tension system.	1	2	-					
do.5540	Tester,distributor(motor driven)	-	-	1					
do.5575	Tester,low volt.circuit,for testing voltage regs.starters,generators & wiring.	1	2	-					
18 T 230	Tachometer,engine,electric.	1	1	-					
do.595	Thermometer,grooved,Fahrenheit scale 12 in.long,[illegible] by [illegible] divisions	-	4	-					
34 T 12	Tank;water,collapsable	1	2	-					
40 T 225	Tool,armature turning and undercuttin	1	-	-					
41 T 170	Tape,measuring 50ft.3/8in.wide	1	2	-					
44 T 344 100	Tap hand, metric, several thread forms								

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Fed. Stock No.	BRITISH DESIGNATION	Ech. Set. No. 3	4	5	Sec. Part. No.	BRITISH DESIGNATION	Ech. Set. No. 3	4	5
41 T 344 Tap	Tap,hand,metric,screw thread,French & Continental,single,plug 12 mm. pitch 1.5 mm.	-	1	-					
do.340	do.14 mm.,pitch 2.0 mm.	-	1	-					
do.380	do.10 mm.pitch 1.5 mm.	-	1	-					
41 T 1600	Tester,valve & clutch spring,univ.	-	1	-					
do.1825	Threading-set,bolt & screw,consisting of dies and taps, .C.I.1/4in.to 1	1	1	-					
do.1856	Threading-set,machine screw,sizes to consist of one each plug tap, taper tap, each of 8 other sizes ... -4, one each die stock holding dies 13/16in.diam.one"T" handle tap wrench w/case	1	1	-					
do.1875	Threading-set,bolt & screw,consist. of dies & taps, .C.I. 1/4in.to 1in.	1	1	-					
do.2022	Threading-set,pipe,national taper pipe thre. sizes through, 1/8 to 1 in.inclusive; to consist of one each tap, 55° die for pipe sizes 1/8, 1/4, 3/8, 1/2, 3/4, 1 in.one adj. die stock w/ratch; comp.w/wood or metal container	1	1	-	LV6MT2 17424	Tools screwcutting stocks dies & Taps OA bathread Nos. 0-10 sets	1	1	-
do.2575	Tongs,blacksmiths',curved lip,18in. lenght,size rounds 1/4in.	1	1	-	FA 5622	Tongs smiths flat small	1	1	-
do.2585	do.rnd.flat jaw,18in.length	1	1	-	FA 5624	do. Close mouth large grooved	1	1	-
do.2595	do.straight lip,flat jaw,18in.length	1	1	-	FA 5625	do. Hollow bit	1	1	-
do.3072	Tool,burring,to eliminate burr which forms at by-pass holes in hydlc.brake master cyl.	1	2	-					
do.3085	Tool,clutch plate aligning,univ. expanding pilot type.	1	2	-					
do.3110	Tool,ferrule,staking,for installing ferrules on speedometer cabing.	1	1	-					
do.3115-50	Tool,flaring,copper tubing,sizes3/16 in.to 5/8in.inclusive	2	1	-					
do.3135	Tool,flaring,steel tubing,fuel & hydlc. lines,sizes 3/16, 1/4, 5/16, 3/8, 1/2, 5/8 in.compl.w/case	1	1	-					
do.3175	Tool,groove,fixing,univ.	2	-	-					
do.3217	Tool,ignition point dressing,hand operat. operated	1	1	-					
do.3310	Tool,set-refacing for tool couplings, comp.w/adapters, 1/4in.to/6in.	1	-	-					
do.3300	Tool,squeezing,univ.for swaging & squeezing end fittings in speedometer cables	1	1	-					
do.3370	Tool,tire chain repair,hv/duty,bench type	1	1	-					
do.3376	Tool:valve,core removing,for remov. damaged cores	-	4	-	LV6MT2/26800	Tool valve core removing	-	4	-
do.3378	Tool,tire valve stem fishing	2	4	-	LV6/MT2/26815	Tool valve stem fishing	2	4	
do.3381	Tool,valve converting,for blending tire valve stems	-	1	-					
do.3378-50	Tool,holding,for repair of tire valve-		1	-					
do.3382-20	Tool,valve stem repair,tire	2	2	-					
do.3383	Tool,valve seat insert replacing,for passenger car & truck engines	-	-	1					
do.3527	Tool-set,body & fender repair,hand	1	2	-	LV6MT2	Chests mt. tool filled coach & bodybuilders	1	2	
do.3534-50	" ,glass cutting & installing	-	-	1	x (1)	see below			

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	[illegible] each die stock holding dies 13/16in.diam.inc. handle tap wrench w/case	1	1	-					
do.3095	Threading-set,bolt & screw,consist of dies & taps, [illegible] 1/4in.-1in.	1	1	-					
do.3133	Threading-set,pipe,national taper pipe thread,[illegible] in.inclusive; to consist of the [illegible] for pipe sizes [illegible] comp.w/wood or metal container	1	1	-	LV6MT2 17424	Tools screwcutting stocks dies & Taps 6A thread Nos. 0-10 sets	1	1	-
do.3525	Tongs,blacksmiths',curved lip,18in. lenght,size rounds 1/4in.	1	1	-	FA 5022	Tongs smiths flat small close mouth	1	1	-
do.3585	do.grad.flat jaw,18in.length	1	1	-	FA 5024	do. large grooved	1	1	-
do.3620	do.straight lip,flat jaw,18in.length	1	1	-	FA 5025	do. Hollow bit	1	1	-
do.3630	Tool,burring,to eliminate burr which forms at by-pass holes in hydlc.brake master cyl.	1	2	-					
do.3685	Tool,clutch,plate aligning,univ. expanding pilot type.	1	2	-					
do.3710	Tool,ferrule,staking,for installing ferrules on speedometer casing.	1	1	-					
do.3745-10	Tool,flaring,copper tubing,sizes3/16 in.to 5/8in.inclusive	2	1	-					
do.3135	Tool,flaring,steel tubing,fuel & hydlc. lines,sizes 3/16,1/4,5/16,3/8,1/2,5/8 in.chapl.w/case	1	1	-					
do.3175	Tool,groove,flaring,univ.	2	-	-					
do.3217	Tool,leather point dressing,hand operat. operated	1		-					
do.3310	Tool,set-refacing,for tool couplings, comp.w/adapters,1/4in.to5/8in.	1	-	-					
do.3365	Tool,squaring,univ.for aligning & squaring end fittings in speedometer cables	1	1	-					
do.3370	Tool,tire chain repair,hv/duty,bench type	1	1	-					
do.3378	Tool:valve,core removing,for remov. damaged cores	-	4	-	LV6MT2/268000	Tool valve core removing	-	4	-
do.3378	Tool,tire valve stem fishing	2	4	-	LV6/MT2/26815	Tool valve stem fishing	2	4	
do.3381	Tool,valve converting,for blending tire valve stems	-	1	-					
do.3372-50	Tool,holding,for repair of tire valve-		1	-					
do.3382-20	Tool,valve stem repair,tire	2	2	-					
do.3383	Tool,valve seat insert replacing,for passenger car & truck engines	-	-	1					
do.3527	Tool-set,body & fender repair,hand	1	2	-	LV6MT2	Chests st. tool filled coach & bodybuilders see below	1	2	
do.3534-50	" ,glass cutting & installing	-	-	1	x (1)				
do.3685	Torch,gasoline,cylindrical,1qt.cap.	3	2	-	FA 2470	Lamps Brazing 1 pint.	3	2	
do.3725	Torch-set,oxy-acetylene,cutting & welding	1	2	-	daFA 1095	Plants welding & cutting Oxyacetylene part.	1	2	
do.3725	do. lead burning	1	2	-					
do.3863	Trestle,axle type,adj.	-	24	-					
do.3883-7	do.7ton	-	12	-					
do.4170	Tube,hydlc.brake bleeder	3	6	-					
42 T 1350	Tube,flexible nozzles,cap type,for refilling gasoline drums	4	-	-					
56 T 80	Tank,acid mixing,8gals.cap.20x10x10 in.inside dimensions	-	1	-					
do. 90	Tank,acid mixing(small)60gals.lead lined	-	-	1					
80 T 1050	Truck,oxy-acetylene,cutting & welding, outfit,2wheel,hand type	1	4	-					
40 U 300	Undercutter,mica,elect.motor-driven for generator armatures	-	1	-					

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Declassified E.O. 12356 Section 3.3/NND No. 785021

AMERICAN					BRITISH				
Fed.Stock No.	DESIGNATION	Tch. Set. 3	Tch. Set. 4	Tch. Set. 5	Supt.Part	DESIGNATION	Tch. Set. 3	Tch. Set. 4	Tch. Set. 5
40 V 505	Valve reducer,elect.5/16in.to5/8in. cap.110volt,univ.current.	1	1	-					
do.530	Valve-Reducer,110v.a.c.-d.c.,comp.	1	-	-					
do.535	Valve reseating outfit,set.	-	1	-					
do.600	Vise,drill press,6in.jaw opening	4	1	1					
41 V772	Vise,machinists',bench,swivel,open stationary jaw,width of jaws 4in.	2	-	-	LV6BT2 13785	Vice bench,fitters parallel Jaw. 3 3/4	2	-	-
do.275	do.swivel base,width of jaws 4in.	3	12	-		do.	3	12	-
do.280	do.width of jaws 6 in.	-	4	-					
do.381	Vise,pipe,chain,1/4in.to 6in.cap.	1	1	-					
do.435	Vise,pipe,5in.cap.	-	-	1					
do.565	Vulcanizer,elect.one tube	-	-	1					
do.615	" ,valve & tube,for tube rep. and valve replacement.	-	4	-					
17 A 1715	Welding outfit,elect.arc & 100 volt d.c.generator,gasoline engine driven	1	1	-					
40 W 800	Wheel,wire,size 6in.x1,1/4in.arbor hole 3/4 in.	2	-	-					
do.880	do.size 8in.x1,1/4in.	-	6	-					
41 W 450	Wrench,adj.type,drop-forged,length over-all 9in.jaw opening 3,5/8in.	2	-	-	LV6BT2 8246	Wrench adjustable 12 in.	2		
do.810	Wrench,box,dble-offset,long,dble-hex 1,1/16x1, 7/8in.	1	2	-					
do.813	do.1,1/4and 1,3/8in.	1	2	-					
do.825	Wrench,hex,half-open,starter,1 manifold nut,27/64x35/64in.	2	-	-					
do.826	do.5/8x3/4 in.	2	6	-					
do.875	Wrench,drain plug,adj.	-	2	-					
do.1664	" ,pipe,adj.18in.long,2in.cap.	2	-	-					
do.1665	do.24in.,2,1/2in.cap.	-	2	-					
do.2875	Wrench,rim nut,4-way type	-	2	-					
do.3320	Wrench,socket,set,3/4in.sq-drive	2	4	-					
do.3372	Wrench,socket,spark plug,3/8in.sq-drive 5/8in.dble-hex	3	2	-	LV6BT2				
do.3373	do.11/16in.dble-hex	3	2	-	4875	Spanners box tub.Hvy. 1/8x3/16	3	2	
do.3375	do.13/16in. "	3	4	-					
do.3376	do.7/8in. "	3	2	-					
do.3377	do.15/16in. "	3	2	-	4876	1/4x5/16	3	2	
do.3378	do.1 in. "	3	2	-	4879	5/8x3/4	3	2	
do.3328	do.1,1/8in. "	3	2	-					
do.3573	Wrench,tappet,dble-head,15°angle each end,7/16x1/2in.	6	8	-	4880	3/8X1 in.	3	2	
do.3578	Wrench,tappet,dble-end,9/16x5/8in.	6	8	-					
do.3582	do.11/16 x 3/4in.	6	8	-					
do.3585	do.13/16 x 7/8in.	6	8	-					
do.3610-50	Wrench,torque,indicating,1in.sq-drive range 0 to 300in.lb,grad.in 1n.lb.	-	6	-					
do.3630	do.1in.sq.stationary lug	2	4	-					
do/3634	do.1in.sq-drive,scale 0 to 175ft.lbs	-	4	-					
do.3650	Wrench,wheel lug nut,check type,3/4								

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Declassified E.O. 12356 Section 3.3/NND No. 785021

do.781	Vise,pipe,chain,1/8in.to 6in.cap.	1	1	-				
do.475	Vise,piston,5in.cap.	-	-	1				
do.505	Vulcanizer,elect.rim tube	-	-	1				
do.515	" ,valve & tube,for tube rep. and valve replacement.	-	6	-				
17 W 1715	Welding outfit,elect.arc 1 100 volt d.c.generator,gasoline engine driven	1	1	-				
40 W 880	Wheel,wire,size 8in.x3,3/4in.arbor hole 1/2in.	2	-	-				
do.900	do.size 8in.x1,1/4in.	-	8	-				
41 W 450	Wrench,adj.type,drop-forged,length over-all 15in.jaw opening 3,1/8in.	2	-	-	LV6NT2 8246	Wrench adjustable 12 in.	2	
do.610	Wrench,box,dble-offset,long,dble-hex 1,1/16in.,7/8in.	1	2	-				
do.613	do.1,1/4and 1,3/8in.	1	2	-				
do.635	Wrench,box,half-open,starter,5 manifold out,5/16x3/8in.	2	-	-				
do.638	do.5/8x3/4in.	2	8	-				
do.875	Wrench,drain plug,adj.	-	2	-				
do.1064	" ,pipe,adj.18in.long,7in.cap.	2	-	-				
do.1065	do.24in.,2,1/2in.cap.	-	2	-				
do.2025	Wrench,rim nut,4-way type	-	2	-				
do.2670	Wrench,socket,set,3/8in.sq-drive	2	4	-				
do.3327	Wrench,socket,spark plug,3/8-drive 5/8in.dble-hex	3	2	-	LV6NT2			
do.3330	do.11/16in.dble-hex	3	2	-	4875	Spanners box tub.Hvy. 1/8x3/16	3	2
do.3325	do.13/16in. "	3	4	-				
do.3326	do.7/8in. "	3	2	-				
do.3327	do.15/16in. "	3	2	-	4876	1/4x5/16	3	2
do.3328	do.1 in. "	3	2	-	4879	5/8x3/4	3	2
do.3329	do.1,1/8in. "	3	2	-				
do.3572	Wrench,tappet,dble-head,15°angle each end,7/16x1/2in.	6	8	-	4880	3/8X1 in.	3	2
do.3579	Wrench,tappet,dble-end,9/16x5/8in.	6	8	-				
do.3582	do.11/16 & 7/8in.	6	8	-				
do.3585	do.13/16 & 7/8in.	6	8	-				
do.3670 SC	Wrench,torque,indicating,1in.sq-drive range 0 to 300in.lb,grad.in in.lb.	-	6	-				
do.3830	do. 1in.sq.stationery lug	2	4	-				
do/3835	do. 1in.sq-drive,scale 0 to 175ft.lbs	-	4	-				
do.3830	Wrench,wheel lug nut,check type,3/4 in.sq-drive,comp.w/sockets check.nut holder	2	2	-				

x (1)

FA 0526	Brush sash tool	1
0529	do	1
1066	Diamonds Glaziers	1
2171	Hammer 4 oz.	1
2430	Knife chisel	1
2440	" Hacking	1
2450	" Putty	1
3500	Pliers flat nose	1

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Declassified E.O. 12356 Section 3.3/NND No. 785021

Declassified E.O. 12356 Section 3.3/NND No. 785021

Phone: EXT-357. 470

SECRET

Reqn.Div./GF/cl

R/75 File
Chief

HEADQUARTERS ALLIED COMMISSION
APO 394
Requisition Division

In reply
refer to:
RD-400/167

2 January 45

SUBJECT: Civil Supplies - Shipment.

TO : Director, Transportation Subcommission, A.C.

1. Information has been received that the following item has been scheduled for delivery on shipment No. UGS-63:

a. Item: Trucks

b. Amount: 170 DWT (62 ea)

c. Port: West Coast of Italy (Not firm)

d. Ship: RA-654 (Andrew Moore)

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e. Requisition Data:

AC No.	: 16-ORD-GEN-44	Dated:	17 May 44
AFHQ No.	: MGS-194-ORD	Dated:	20 Aug 44
Shipping No.	: ORDIV-TOG-126		

f. Purpose for which requisitioned (Note: Civil Supplies from overseas will not be diverted from the project or purpose for which they were originally ordered): "Civilian Transportation".

2. You are requested to contact the shipment, Port and Warehousing Division of Transportation Sub-Commission to arrange receipt and disposition of these materials. Use shipment number, vessel number, and vessel name in referring to this shipment.

3. It is requested that receipt of above item be acknowledged by letter.

Robert A. Martino
ROBERT A. MARTINO, GF
Lt. Col., SR. ORC,
Chief, Requisition Division.

cc: Shipment, Port & Whsing Div:
Price Control Div, Economic Section.

SECRET

Shipment, Port & Warehousing Division (Capt. Klein) already contacted & Col. Carnes.
Chief 4/1.

Declassified E.O. 12356 Section 3.3/NND No. 785021

File
R 175

ALLIED FORCE HEADQUARTERS
G-5 Section
APO 512

21 December 1944

MEMO TO: Col. Butterworth.

Will you please speak to Col. Martino about A.C. Requisition 49-45 for Tools.

Point out to him that the Requisition covers only the Rome and Naples areas over which a survey was conducted by British and American Ordnance Officers.

Rather than put in piece meal requisitions on CCS it is suggested that AC revise 49-45 to take care of tools required to maintain the 1,700 vehicles which have already been called forward and are due to arrive in the next two or three months.

They should also consider tools necessary to maintain the 3,000 vehicles which we have asked for, for North Western Italy.

These requirements should be declared regardless of the fact that vehicles may be disposed of to the Italian Government, as it is unlikely that Italian workshop facilities will be able to cope with the maintenance of this fleet for some time to come.

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If AC wish they can phone me and I will make the necessary alterations to requisition 49-45 ~~over the phone~~. This will save considerable time and we are extremely anxious to get this requisition out of the way.

See Col. Carnes in the morning

G.S. Franklin
G.S. FRANKLIN
Lt. Colonel, R.C.A.S.C.
Economics & Supply Div.

Declassified E.O. 12356 Section 3.3/NND No. 785021

SPARE

Copy

WAR DEPARTMENT
C. M. C. Form. No. 400
Revised Apr. 4, 1931

REQUISITION

To: AFHQ - G-5 Section No. of Sheets: 4 Sheet No. 1

Requisition No: AC-OMD-49-45 Date: 22 November 1944 Period: SPECIAL

Ship to: DuCo - AC Transportation Sub-Commission

REQUISITIONED BY:

ROBERT A. MARTINO
Lt. Col. S. R.
Chief, Requisition Division

APPROVED BY:

A. G. ANTOLINI
Acting Deputy, Chief of Staff
Economic Section

Stock No.	Articles	Unit	On Hand and Due	Consumed	Required	Approved
41-T-3547-10	Tool set, Unit Equipment, 3rd Echelon Set No. 1.	EA.			2	
41-T-3549	Tool Set, Unit Equipment, 5th Echelon Set No. 1.	EA.			1	
41-T-3534-37	Tool Sets General Mechanics.	EA.			100	
41-T-3505	Tool Set, Battery Expert.	EA.			2	
41-T-3525	Tool Set, Body Mechanics.	EA.			2	
41-E-3528-75	Tool Carburettor Mechanics.	EA.			2	
41-T-3555-75	Tool Set Ignition Mechanics.	EA.			2	
41-T-3537	Tool Set Machinist.	EA.			3	
41-T-3539	Tool Set Painters.	EA.			3	
41-T-3541	Tool Set Sheet Metal and Radiator Mechanics.	EA.			2	
41-T-3543	Tool Set Trimmers.	EA.			2	
41-T-3555	Tool Set Welders	EA.			4	
None	Truck Wrecker, 4 ton, 6 x 6 or 2 off Tractors, 6 Wheeled Breakdown.	EA.			2	

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T 1 3 6

Declassified E.O. 12356 Section 3.3/NND No. 785021

WAR DEPARTMENT
Q. M. C. Form. No. 401
Revised Apr. 6, 1931

REQUISITION
(Extra Sheet)

No. AG-OD-49-45
Sheet No. 2

Stock No.	Articles	Unit	On Hand and Due	Consumed	Required	Approved
	~~Dynamometer capable of absorbing 120 BHP at 3000 R.P.M.~~	EA.	Cancel.		1	
Federal Stock No. 17-G-2015	- Less Generator A.C. portable, gasoline engine-driven 25 KW 60 cycle 115/230 V 3 Phase 4 wire.	EA.			1	
	LAST ITEM					

DELIVERY: Ship to DuKo consigned as above. Shipment to be made as soon as possible, if from Theatre stocks, otherwise, ship on or before 1 February 1945.

BASIS: (1) Items requested on this requisition are based on the results of a survey of buildings and equipment suitable for higher echelon maintenance in Rome and Naples areas.

(2) Finding of Survey Team.

A. Vehicle Distribution.
Southern Region H.Q. Naples.

The approximate number of vehicles American and British at present employed in this Region is 600 but this number varies owing to several reasons, namely, seasonal requirements crops, road construction etc., those vehicles being temporarily transferred from other regions.

Rome Area.
Regions VIII and IX. H.Q. Florence and H.Q. Bologna.

Not yet surveyed.

B. Vehicle Maintenance.

At present 1st and 2nd Echelon Maintenance is being carried out by A.C. Regional Garages, Higher Echelon on Civilian Vehicles and occasionally on Military Vehicles, by civilian garages.

Higher Echelon on Military Vehicles is being done mainly by American Ordnance and R.E.M.E. Workshop.

A preventative maintenance program which is a combination of American and British Maintenance procedure has been instituted by Allied Commission. This program includes an inspection on each vehicle every tenth day.

The Allied Commission at present does not have the necessary tool and equipment to perform all of their Higher Echelon Maintenance.

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Declassified E.O. 12356 Section 3.3/NND No. 785021

WAR DEPARTMENT
O. M. C. Form. No. 401
Revised Apr. 6, 1931

REQUISITION
(Extra Sheet)

No. AC-CRD-49-45
Sheet No. 3

Stock No.	Articles	Unit	On Hand and Due	Consumed	Required	Approved
	(3) The report of the survey contains certain recommendations. These are set forth as follows:					
	That 1st and 2nd. Echelon work in Military Vehicles be accomplished at the established Provincial Garages, with emergency Major Unit replacement as directed by the Regional Civil Transport Officer. This is to be carried out in Garage with adequate personnel and equipment. Some additional hand tools and equipment will be necessary at certain of these Garages.					
	It is recommended that Heavy Repair Shops be established to which will be evacuated all repairs beyond the scope of the Provincial Garages.					
	Since heavy repairs on A. C. Military Vehicles are at present being carried out by Military Workshops additional equipment will be required by Allied Commission to take over the entire maintenance of all of their vehicles.					
	It has been found that the existing civilian facilities are only adequate for the maintenance of civilian vehicles. The load on these civilian shops is becoming increasingly heavy owing to the supply of spare parts being almost exhausted and not obtainable due to the fact that the factories are still in enemy hands.					
	It is recommended that a 3rd. Echelon Shop or the British equivalent be established and equipped at Naples for the Southern Region.					
	It is suggested that the U.T.C. Motor Pool Garage, 56-58 Brindisi Street be used for the purpose. This location consists of three buildings with a total of 30,000 sq.ft. of floorspace. The buildings are in good condition and very suitable for the purpose.					
	It is recommended that a 3rd. and 5th Echelon or Base Shop be established in Rome. To carry out this plan it would be necessary to furnish the Allied Commission with the equipment for a 5th. Echelon or Base shop and also the initial stock of major assemblies for exchange purposes until such time as the Base Shop x had built up a supply.					
	It would also be necessary to furnish a 3rd. Echelon Set. No. 1 or the equivalent British but if the arrangements could be made for the transfer of the equipment at P.B.S.-M.M. Shop No. 3 the 3rd. Echelon Set No. 1 for Rome would not be required.					
	As an alternative if the P.B.S. Shop does not become available the Fiat Garage, Via di Porta Maggiore is available for the establishment of both the 3rd and 5th Echelon Repairs.					
	Recommendations for Northern Area will be submitted as soon as the survey is completed. For the period of time required for the establishment of these shops additional skilled military personnel should be made available for a long enough period to enlist and train civilians.					
	Recovery Vehicles.					
	At the present the only vehicles that Allied Commission have for recovery purposes are three 2½ ton 6 x 6 G.M.C. Trucks equipped with 2nd. Echelon Set No. 7 Barrel Hoist and Super Structure.					

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Declassified E.O. 12356 Section 3.3/NND No. 785021

WAR DEPARTMENT
O. M. C. Form. No. 401
Revised Apr. 6, 1931

REQUISITION

(Extra Sheet)

No. AG-OSD-49-45

Sheet No. 4

Stock No.	Articles	Unit	On Hand and Due	Consumed	Required	Approved
	These are not capable of recovering the heavy trucks or lighter trucks when loaded. British and American Army shops are called upon for heavy duty wrecker service to supplement the existing A.C. equipment. It is recommended that at least three 6 x 6 four ton Diamond T. Wreckers or Tractors Six Wheeled Breakdown be supplied. These to be located at the 3rd. Echelon Workshops.					
	ATTACH: III					
	////////////////////////END OF REQUISITION////////////////////					

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Declassified E.O. 12356 Section 3.3/NND No. 785021

HEADQUARTERS ALLIED COMMISSION
APO 394
TIRE SECTION TRANSPORTATION SUB-COMMISSION

Acc R/75
Original Col Atlantico
21/12/44 RB/em

Tel: 77401

19 December 1944

Tu/C/451.024

SUBJECT : Requisition of Tire Repair Material.

TO : Requisitioning Officer, Economic Section - Headquarters Allied Commission.

1. A requisition for prepared tire repair material is submitted as attached.

2. This requisition is based on the repairing and retreading of 500 tires per day for a period of 1 month in the repair plants as listed below:

Pirelli	Via Assisi 41	Rome
Saccari Paolo	Vicolo del Mandrione 55	"
Santanzoni Virgilio	Via Principe di Piemonte 210 B	"
Greco Augusto	Via Ludovico di Savoia 12	"
Ferrier Giovanni	Via Piave 6 - Cagliari -	Sardinia

3. The above listed plants are controled by this section and will assume operations immediately upon receipt of this material.

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RICHARD S. ERBLOCK
Captain Infantry
Director

1 Incl. - Requisition Repair Material.

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Declassified E.O. 12356 Section 3.3/NND No. 785021

WAR DEPARTMENT
Q. M. C. Form. No. 400
(Revised Apr. 6, 1931)
Reproduced by Hdqrs A.C.C. Feb. 1944

REQUISITION

To: 429 Ordnance Tire Repair Co. AFHQ No. of Sheets 1 Sheet No. 1

Requisition No. 1 Date December 19, 1944 Period Emergency

SHIP TO Tire Section, Transportation Sub-Commission, Headquarters Allied Commission, APO 394 N.Y.

REQUISITIONED BY (Show Signature, Rank, Organization, Destination. If different from « SHIP TO » include address):

Richard B. Bullock
RICHARD B. BULLOCK
Captain Infantry
Director Tire Section
Transportation Sub-Commission

APPROVED BY:

James J. Ames Col Inf
for MERRITT H. TAYLOR
DIRECTOR
Transportation Sub-Commission

STOCK No.	ARTICLES	UNIT	ON HAND AND DUE	CONSUMED	REQUIRED	APPROVED
52-C-1515	Cement, can 1 qt	ea			1500	
52-C-1550	Cement, can 5 gal.	ea			3600	
53-C-15568	Crayons	ea			1500	
14-L-192	Lubricant, box	ea			300	
33-R-119	Rubber, Cushion Stock, 10 lb roll	ea			4200	
33-R-123	Rubber, Capping, Filler or Padding Stock 5 lb roll	ea			1200	
33-R-159	Rubber, Capping, Tread Stock, 10 lb roll	ea			6000	
33-R-127 to 33-R-131	Rubber, full Capping (sizes mixed)	lb			255000	
33-R-161	Rubber, Capping	lb			3000	
33-R-168	Rubber, Capping	lb			4500	
33-R-186	Rubber, Gum, 5lb roll	ea			300	
51-S-4728	Solvent, can 5 gal	ea			750	
51-T-4340	Talcum, Technical, can 5 lb	ea			900	
	Valves, Assorted Sizes and Types	ea			500	

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXLAST ITEMXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

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Declassified E.O. 12356 Section 3.3/NND No. 785021

INSTRUCTIONS FOR PREPARATION OF REQUISITION

Space «TO.»—To show the approving office to which requisition is submitted.

Space «PERIOD.»—Show period for which the supplies are required.

Space «SHIP TO.»—Full shipping address to be given. Where mail address is different from shipping address the former should also be shown, e. g., «Q. M., Fairfield Air Depot, Osborn, Ohio. Mail address, Fairfield.» Except for established camps, posts, or stations, street or building address should be shown, e. g. «C. O. 328th Inf., National Guard, 456 Republic Bldg., Grand Haven, Mich.» Where the property is to be invoiced to an organization, etc., different from that to which it is to be shipped, the required information will be shown.

Space «STOCK No.»—Show stock number listed in Federal Stock Catalogue.

Space «ARTICLES.»—Include sizes required. Show purpose numbers applicable to an article or group immediately above the article or group concerned.

Space «ON HAND AND DUE»—Show the quantity on hand plus the quantity approved on previous requisitions and not yet received.

Space «CONSUMED.»—Show quantity consumed during the previous period.

Space «REQUIRED.»—To be the quantity asked for by the requisitionist.

Space «APPROVED.»—To be the quantity approved by the approving officer.

This form may be used in lieu of Q.M.C. Forms Nos. 402, 409, and 410 by appropriate modification.

IN THE SPACE BELOW SHOW BASIS FOR REQUISITION, i. e., Strength of Command, Number of Animals, Number of Animal-Drawn and Motorized Vehicles, Armament, or such other data as may be required by instructions issued by approving authorities.

THIS SPACE FOR ACTION OF APPROVING OFFICER

HEADQUARTERS ALLIED COMMISSION
APO 394
Transportation Sub- Commission

6 Dec '44

TO : Col. Carnes, Deputy Director,
Transportation Sub-Commission.

SUBJECT : Survey of Allied Commission Maintenance facilities.

Major D.T.D. Brice and Capt. W.F. Shipton U.S. Ordnance have carried out a survey of the necessary equipment for maintenance of Allied Commission vehicles in Regions V and VIII. The following findings and recommendations are submitted.

Findings and Recommendations

A. Region VIII

1. Due to the concentration of army units in this Region the existing facilities are being utilized by the armies.

2. The S.I.T.A. Garage in Florence is now used for the repair of Allied Commission Vehicles. This Garage is well equiped except for a few items and is capable of higher echelon maintenance on a limited number of vehicles. The area of the building is approximately 10.000 sq. feet and with no adjacent parking space for disabled vehicles.

3. The Fiat works in Florence, if it were available for Allied Commission use, would be a very suitable building for the carrying out of future higher echelon maintenance in this Region.

4. In the Southern part of this Region the S.A.S.S. Garage in Siena is being used for maintenance. This Garage is fairly well equiped and has the space and personnel for carrying out a program of "In Vehicle Overhaul" over and above the replacement of major assemblies.

5. A small amount of additional equipment will be required to carry out this program.

B. Region V

1. Allied Commission Gerages in this region were inspected and found to have adequate space and personnel capable of third Echelon repair. All of these garages are urgently in need of hand tools and second Echelon equipment.

2. It is recommended in addition to the lower Echelon equipment three of these Garages be given some additional higher echelon equipment to enable them to perform "In vehicle overhaul"

3. It is suggested that these shops be located at the Truck Pool garages at Pescara, Ascoli and Macerata.

Declassified E.O. 12356 Section 3.3/NND No. 785021

Major D.T.D. Brice and Capt. W.F. Shipton U.S. Ordnance have carried out a survey of the necessary equipment for maintenance of Allied Commission vehicles in Regions V and VIII. The following findings and recommendations are submitted.

Findings and Recommendations

A. Region VIII

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2. The S.I.T.A. Garage in Florence is now used for the repair of Allied Commission Vehicles. This Garage is well equiped except for a few items and is capable of higher echelon maintenance on a limited number of vehicles. The area of the building is approximately 10.000 sq. feet and with no adjacent parking space for disabled vehicles. 206.

3. The Fiat works in Florence, if it were available for Allied Commission use, would be a very suitable building for the carrying out of future higher echelon maintenance in this Region.

4. In the Southern part of this Region the S.A.S.S. Garage in Siena is being used for maintenance. This Garage is fairly well equiped and has the space and personnel for carrying out a program of "In Vehicle Overhaul" over and above the replacement of major assemblies.

5. A small amount of additional equipment will be required to carry out this program.

B. Region V

1. Allied Commission Garages in this region were inspected and found to have adequate space and personnel capable of third Echelon repair. All of these garages are urgently in need of hand tools and second Echelon equipment.

2. It is recommended in addition to the lower Echelon equipment three of these Garages be given some additional higher echelon equipment to enable them to perform "In vehicle overhaul"

3. It is suggested that these shops be located at the Truck Pool garages at Pescara, Ascoli and Macerata.

C. Equipment.

It is recommended that the following equipment be requisitioned for use in maintenance of Allied Commission Vehicles in Regions V and VIII.

3 Each	41-T-3545-11	Tool Set 2nd Echelon No.2.
3 Each	41-T-3545-14	Tool Set Welding 2nd Echelon Set No.5
4 Each	40-V-505	Valve Refacer, electric 5/16 inch to 5/8 inch capacity 110 Volt Universal current.
4 Each	40-V-530	Valve Reseater 110V.AC-DC Complete.

Declassified E.O. 12356 Section 3.3/NND No. 785021

21 Each	41-T-3534-75	Tool Set General Mechanics.
4 Each	41-R-2275	Reamer Cylinder Ridge 2 11/16 inch to 5 inch capacity.
4 Each	41-C-2550	Compressor, Piston Ring. Universal.
2 Each	40-C-1013	Cleaner and Tester, Spark Plug, Compressed Air, Abrasive Type, 110 Volts
~~40 Each~~	~~8-G-615~~	~~Gage, Tyre Pressure.~~
1 Each	40-G-498-25	Gun Lubricating, Air Operated, High Pressure, 1lb., Chassis Lubrication.
1 Each	41-G-1425	Gun Lubricating, Pump, Bucket, Low Pressure, with flexible hose. 25 lbs. capacity.
1 Each	41-G-1344-25	Gun Lubricating, Push Type, High Pressure. Water Pump.
3 Each	41-T-3541	Tool Set Sheet Metal and Radiator Mechanics.
3 Each	41-T-3555	Tool Set Welders.
28 Each	41-J-73-5	Jack Truck Hydr. 3 Ton.

D.T.D. Bruce Major

D.T.D. BRUCE, Major R.E.M.E.

W.F. Shipton

W.F. SHIPTON, Capt. ORDNANCE DEPT.

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Declassified E.O. 12356 Section 3.3/NND No. 785021

Reqn.Div./GF/mg

R/75

HEADQUARTERS ALLIED COMMISSION
APO 394
Requisition Division

In reply
refer to:
RD-400/167

9 December 44

SUBJECT: Asbestos Sheets - Reqn No. AC-ORD-60-45.

TO : Director, Transportation Subcommission, Allied Commission.

1. Reference is made to your ltr AC/TN/R/28 dated 17 Nov 44 relative subject matter.

2. Attached Requisition No. AC-ORD-60-45 dated 7 Dec 44 for Asbestos Sheets has been forwarded to AFHQ for approval as requested.

3. You will be advised of future action taken in the procurement and shipment of item listed in this requisition.

Robert A. Martino
ROBERT A. MARTINO,
Lt. Col., SR. ORC,
Chief, Requisition Division.

2061

Copy sent to Capt Hay.

1146

Declassified E.O. 12356 Section 3.3/NND No. 785021

To TM O/C

AFHQ - G-5 Section 1 1

AC-ORD-60-45 7 December 1944 SPECIAL

DUKO - Consign to AC Transportation Sub-Commission

ROBERT A. MARTINO
Lt. Colonel, S. R.
Chief, Requisition Division

A. G. ANTOLINI
Acting Deputy, Chief of Staff
Economic Section

None SHEET, asbestos.
Sizes in Thickness:
(a) .059 inches (1½ mm) Sq.Ft. 9,000
(b) .079 inches (2 mm) Sq.Ft. 4,000 2060

////////////////////////END OF ITEMS////////////////////////////////

DELIVERY: Ship to DUKO as indicated above. If from theatre stocks ship immediately; otherwise, on or before 15 February 1945.

BASIS: (1) Item on this requisition is urgently required for the production of gaskets for automotive purposes.

(2) A vigorous search has been made in Naples, Rome and other places for stocks of asbestos sheets, but without success.

(3) Motors on many civilian vehicles are rapidly failing in service due to blowing of gaskets. Present stocks are being exhausted and unless asbestos sheets from which gaskets can be made are made available, many vehicles will be forced to lie idle, thereby, bringing about additional difficulties to the present problem of transportation.

(4) It is requested that item in quantities specified be procured from theatre stocks, if possible.

RATING: III

////////////////////////////////END OF REQUISITION////////////////////

Declassified E.O. 12356 Section 3.3/NND No. 785021

R/75

HEADQUARTERS ALLIED COMMISSION
APO 394
TRANSPORTATION SUB-COMMISSION

CWAP/bm

Tel: 376

7 December 1944

AC/TN/R/75

SUBJECT: Requisitioned Material

TO : Capt. Bullock(Admin. Officer-Tyre Section).

1. Attached letter Tptn/1631/ dated 2 December 44 is subject.

2. The following Tyre Repair Material has been recommended by the Combined Inspection Team as an initial supply to enable the Tyre Re-Treading Works located at Cagliari, SARDINIA, to turn out 10 tyres per day

1500 KG's CAMEL BACK (TREADS)
125 KG's CUSHION COMPOUND
150 KG's CEMENT
HOT PATCHES AND TYRE SOLUTION.

3. Will you please prepare necessary requisition for this material, and supply to Lt.Col. Martino, Requisition Division.

4. Please send a copy of your requisition to this office for information.

MERRITT H. TAYLOR
DIRECTOR

Copy passed to Bullock of all attached correspondence

Declassified E.O. 12356 Section 3.3/NND No. 785021

File

HEADQUARTERS
ALLIED COMMISSION
SARDINIA REGION

Reference : Tptn/1631. 2nd December 1944.

Subject : TIRES AND TUBES.

To : Headquarters, Allied Commission,
Transportation Sub-Commission, TIRE SECTION.

1. In accordance with your letter ACC TT/431-92 dated 15 Nov 44, herewith REQUISITIONS in duplicate for TIRES and TUBES for essential civilian and Military use.

2. It is presumed that the Report on ROAD TRANSPORT IN SARDINIA made by AFHQ Combined Inspection Team has now reached you.

In PARA 9 (b) of this Report it will be noted that there is in CAGLIARI an up-to-date TIRE-RE-TREADING WORKS which once a small TIRE POOL is established could practically keep this Island going on TIRES if it had the necessary Materials.

3. The initial supply recommended by the Combined Inspection TEAM to turn out 10 TIRES per day is as follows :

2059

1,500 KG's CAMEL BACK (TREADS)
125 KG's Cushion Compound.
150 KG's CEMENT
HOT PATCHES AND TIRE SOLUTION.

4. It is understood that a supply of the above materials have now been received by the Transportation Sub-Commission.

5. May the above mentioned quantities be forwarded at an early date, preferably by AIR?

6. The use of the materials will be controlled by this Headquarters.

For the Regional Commissioner,

John H. Newby
capt

JOHN H. NEWBY.
Captain.
Regional Transportation Officer.

JHN/ajs.

Declassified E.O. 12356 Section 3.3/NND No. 785021

REQUISITION No 1
TIRES & TUBES
Decem. 1st 1944.

TO : Tire Section, Tns. S.C., HQ. AC. N° of Sheets: 1...Sheet N° 1.....
Ship to. Regional Commissioner Sardinia.....Req. Semi-Monthly.....

FOR CIVILIAN SALE
(~~cross out inapplicable term~~) Essential Services

REQUISITIONED BY:
J.H. NEWBY.
Capt.
TRANSPORTATION OFFICER

APPROVED BY:
REGIONAL COMMISSIONER

TOTAL REQUIRED		SIZE	ALTERNATE SIZE	TOTAL FROM REQUISITIONS NOT FILLED		THIS COLUMN FOR TIRE SECTION ONLY.			
						DELIVERED		BALANCE REQUIRED	
Tires	Tubes			Tires	Tubes	Tires	Tubes	Tires	Tubes
111	111	6,00X16	-						
109	109	34X7	-						
26	26	42X9	230X20						
29	29	230X20	-						
2	2	270X20	-						
277	277								

2059

Declassified E.O. 12356 Section 3.3/NND No. 785021

REQUISITION No. 2
TIRES & TUBES
Dec. 1944

TO : Tire Section, Tns.S.C., HQ.AC. No. of Sheets: 1 Sheet No. 1

Ship to. REGIONAL COMMISSIONER SARDINIA Req. Semi-Monthly

FOR MILITARY ISSUE: ~~FOR CIVILIAN SALE~~ Requisitioned Class
(cross out inapplicable term)

REQUISITIONED BY: [illegible] Capt
TRANSPORTATION OFFICER

APPROVED BY: [illegible]
REGIONAL COMMISSIONER

TOTAL REQUIRED		SIZE	ALTERNATE SIZE	TOTAL FROM REQUISITIONS NOT FILLED		THIS COLUMN FOR TIRE SECTION ONLY.			
						DELIVERED		BALANCE REQUIRED	
Tires	Tubes			Tires	Tubes	Tires	Tubes	Tires	Tubes
	20	600 X 16							

2057

Declassified E.O. 12356 Section 3.3/NND No. 785021

Reqn.Div./GF/mg

CONFIDENTIAL

R/75

HEADQUARTERS ALLIED COMMISSION
APO 394
Requisition Division

In reply
refer to:
RD-400/167

6 December 44

SUBJECT: Rubber Tire Materials - AC-ORD-57-45.

TO : Director, Transportation Subcommission, Allied Commission.

1. Attached requisition, AC-ORD-57-45, dated 4 December 44, has been screened by this Division and forwarded to AFHQ for approval.

2. You will be advised of future action taken in the procurement and shipment of items listed in this requisition.

Robert A. Martino
ROBERT A. MARTINO,
Lt. Col., SR. ORC,
Chief, Requisition Division.

Incl:
as above (In dupl.)

Copy of this letter and Requisition passed Capt Bulbach 8/12/44

CONFIDENTIAL

1152

Declassified E.O. 12356 Section 3.3/NND No. 785021

CONFIDENTIAL

AFHQ G-5 Section 5 1

AC-GRD-57-45 4 December 1944 SPECIAL

DUKO - Consign to AC Transportation Sub-Commission

ROBERT A. MARTINO
Lt. Colonel, S. R.
Chief, Requisition Division

A. G. ANTOLINI
Acting Deputy, Chief of Staff
Economic Section

1.	Rubber, Natural	Lbs.	41,964	
2.	Rubber, Synthetic	Lbs.	588,468	
3.	Carbon, Black, National	Lbs.	13,224	
4.	Difenilguanidine	Lbs.	88	
5.	Ureka H. R.	Lbs.	265	
6.	Naftolen Z.D. (Gesell)	Lbs.	8,595	2055
7.	Fabric, rayon cord for carcasses 52/3 twisted threads, maximum load on threads 18.70 lbs., tensile strength 12%, 90 threads per 4 inches square.	Lbs.	175,218	
8.	Fabric, rayon cord, for external parts 52/3 twisted threads, maximum load on threads 18.70 lbs. tensile strength 12%, 70 threads per 4 inches square.	Lbs.	22,591	
9.	Fabric, cotton, square, light American cotton, warp 120 threads per 10.76 sq.ft. (sq.mt.), thickness (0.75 mm).03 in., weight 11½ ounces per 10.76 sq.ft. tensile strength one ton warp, one ton web, warp stretching 30%, web 16%, composition of twisting 14/3.	Lbs.	4,540	
10.	Fabric, cotton, square, heavy, (same as Item 9) but twisting 14/6 with corresponding strengths.	Lbs.	5,600	

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Declassified E.O. 12356 Section 3.3/NND No. 785021

11. Benzin	Lbs.	144,141
12. Valves,* tire, metal repair valves convertible screw-on type, with removable and replaceable valve core and air sealing cap, for flat base and divided rims with flaps, single bent. Fits tube sizes for rim mounting: 42 x 9, 38 x 9, 34 x 7, 32 x 6, 750 x 20	EA.	23,980

2054

* Assorted sizes.

////////////////////////////////LAST ITEM////////////////////////////////

DELIVERY: Ship to DUKO as indicated above on or before 1 February 1945, sooner if possible.

BASIS: (1) Items requested on this requisition are for the production of tires and tubes in Italy, covering a six-month period.

(2) An extensive survey has been made of the Pirelli plant located at Tivoli, Rome Province. This plant was constructed in 1941, with a production capacity of 200 tires and 200 inner tubes per day, as well as, other rubber products.

(3) As a result of bombings the plant suffered considerable damage. However, on the initiative of the manggement, work of reconstructing the plant began in July 1944, and assurances have been received that the plant can be made ready for production by February 1945, provided certain materials and equipment are made available.

(4) Certain building and other type materials necessary for repairing damaged buildings are available from local sources and will be utilized for this purpose.

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Declassified E.O. 12356 Section 3.3/NND No. 785021

(5) All equipment and machinery necessary for manufacturing tires and tubes are physically located at Tivoli with the exception of one plastification oven, three cutting machines for the preparation of synthetic rubber, and one extruder. These machines were removed from the Tivoli plant to the Pirelli plant in Rome under the direction of No. 1, ADV. Base Workshop R.E.M.E. Efforts are being made to have these machines removed from Rome andre-installed at Tivoli. The centralization of all necessary equipment at Tivoli would result in a sufficient surplus output to supply R.E.M.E. demands in Rome.

(6) A monthly schedule of production has been established which is as follows:

Month	Tires	Tubes
First	800	800
Second	2,500	2,500
Third	3,500	3,500
Fourth	5,000	5,000
Fifth	5,000	5,000
Sixth	5,000	5,000
Total	21,800	21,800

2053

(7) An inventory has been madeof raw material stocks on hand necessary for production of tires and tubes. These stocks have been frozen awaiting for delivery of supplies on this requisition in order to commence production.

(8) There are set forth in the Table below statistics showing the materials and quantities necessary for manufacturing tires and tubes as indicated in Paragraph 6 above and the quantities now on hand.

Material	Total Requirements (Metric Tons)	Stocks on Hand. (Metric Tons)
Natural Rubber	22	3.30
Synthetic Rubber	275. 15	8.25
Carbon Black American Active	5. 40	60.
Carbon Black National	16. 16	10.
Zinc Oxide	-- --	90.
Calcium Carbonate	6. 14	0.40
Talc	32. 70	- - -
Baryte	0. 23	0.55
Caolin	- - - -	4.
Sulphur (Super-Refined) 98/99%	10. 02	---

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Material	Total Requirements (Metric Tons)	Stocks on Hand. (Metric Tons)
Mercaptobenzotiazol	1.20	1.4
Mercapto Disulphide	- --	0.65
Vulcacite A. Z.	- --	1.10
Aldolalfanaftilamine	- --	2.26
Difenilguanidine	0.67	0.02
Esametilentetrammine	- --	0.04
Noezone D	- --	5.
Ureka H R	0.19	0.7
Stearic Acid	6.72	2.
Naftolen Z D (Naftolen Gesell)	9.56	5.7
Colophony	1.2	1.5
Buna 32 (Buna Werke) (Molecular weight 32.000)	1.8	4.3
Coal Tar	- --	1.3
Tar Oil	- --	1.65
Norwegian Tar	- --	0.09
Koresin (Conti S.A.)	0.08	0.17
Bitumen 80	0.04	0.47
Bitumen A Sor 140 (Bretner)	- --	0.60
Paraffin	- --	0.45
Dried Gas Tar	0.39	- -
Rayon Cord Fabrics for Carcasses	89.	3.5
Rayon Cord Fabrics for External Parts	12.76	2.5
Square Cotton Fabric, Light American Cotton	2.12	0.06
Square Cotton Fabric, Heavy	4.54	2.
Benzin	65.40	- - -
Benzol	21.80	- - -

2052

(9) All items listed in Paragraph 8 except those for which procurement is requested are available locally. Sources of supply of the various items have been located and necessary procurement and transportation will be effected prior to initial production.

(10) From equipment available, it is proposedto produce tires and tubes of the following sizes:

Tires		Inner Tubes
42 x 9	30 x 5	42 x 9
38 x 9	750 x 20	38 x 9
34 x 7	600 x 20	34 x 7
32 x 6	550 x 15	32 x 6
		750 x 20

Declassified E.O. 12356 Section 3.3/NND No. 785021

(11) The Tivoli plant has sufficient fabricating equipment for the sizes listed in Paragraph 10 for a minimum of four months operation. However, it has been pointed out to the management that the following sizes are much more in demand andthat effort should be made to produce them:

400 x 15	140 x 40	550 x 17
425 x 17	500 x 16	700 x 18
500 x 15	1275 x 20	210 x 20
600 x 16	350 x 19	270 x 20
600 x 18	15 x 45	1050 x 20
525 x 18	165 x 400	36 x 8

2051

(12) The Pirelli Company which operates the Tivoli plant has indicated that the sizes indicated in Paragraph 11 can be produced if it were possible to send a representative to their plant located at Manresa, near Barcelona, Spain, for the purpose of obtaining drawings and technical data with respect to fabrication of moulds in Italy.

(13) Application has been madefor minimum essential electrical requirements. Assurance has been given that the necessary power will be made available.

(14) It is estimated that 1,270 tons of coal will be required to carry on operations for six months. Sardinian coal is to be used for this purpose and arrangements are being made for transporting the necessary tonnage from Sardinia.

(15) From the point of view of employment, reactivation of this plant will result in more than 600 people who will be gainfully employed.

(16) It is planned to have the Pirelli Company assume the responsibility for reactivation and production of theTivoli plant. The Allied Commission will supervise the allocation and price of the tires and tubes, as well as, the supply of controlled and imported materials.

(17) Reference is made to MGS-187-ORD, LAC AIRGRAM 58, dated 30 August 1944. A partial solution to the problem of internal transportation lies in the availability of tires and tubes. The production of tires and tubes locally will not only be beneficial to this end but will also lessen the burden of importing from overseas, thereby, bringing about a reduction in shipping.

RATING: II

////////////////////////END OF REQUISITION////////////////////////

Declassified E.O. 12356 Section 3.3/NND No. 785021

Reqn.Div/GF/mg

CONFIDENTIAL

R/75

HEADQUARTERS ALLIED COMMISSION
APO 394
Requisition Division

In reply
refer to:
RD-400/167

6 December 44

SUBJECT: Vehicles - AC-ORD-58-45.

TO : Director, Transportation Subcommission, Allied Commission.

1. Attached requisition, AC-ORD-58-45, dated 4 December 44, has been screened by this Division and forwarded to AFHQ for approval.

2. You will be advised of future action taken in the procurement and shipment of items listed in this requisition.

Robert A. Martino
ROBERT A. MARTINO, By
Lt. Col., SR. ORC,
Chief, Requisition Division.

2050

Incl:
as above (In dupl.)

Copy of this letter
a requisition passed
to Capt Bullock 8/12/44

Declassified E.O. 12356 Section 3.3/NND No. 785021

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AFHQ G-5 Section 2 1

AC-ORD-58-45 4 December 1944 X SPECIAL

DUKO - Consign to AC Transportation Sub-Commission

ROBERT A. MARTINO
Lt. Colonel, S. R.
Chief, Requisition Division

A. G. ANTOLINI
Acting Deputy, Chief of Staff
Economic Section

None	VEHICLE, Staff or C & R Type.*	EA.	48
None	VEHICLE, Jeep or P. U. Type.	EA.	262 — 2049
None	MOTORCYCLE	EA.	600 —

* One half of these vehicles may be weapons-carriers 3/4 ton type.

////////////////////////////////LAST ITEM////////////////////////////////

DELIVERY: Ship as indicated above. Time of delivery should be coincident with delivery of vehicles covered by Requisition No. AC-ORD-45-45.

BASIS: (1) Vehicles requested on this requisition are to be considered as supplement to those requisitioned on Requisition No. AC-ORD-45-45.

(2) Vehicles indicated in this requisition are to be used as control vehicles needed for the load-carrying vehicles requested in AC-ORD-45-45.

(3) These control vehicles are requested on the assumption that the load-carrying vehicles will be organized as follows:

(a) 3 British General Transport Columns of 4 G. T. Companies each.

(b) 3 American Q. M. Truck Battalions of 8 Truck Companies each.

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Declassified E.O. 12356 Section 3.3/NND No. 785021

These Companies will be operated by Italian Military personnel supervised by Allied personnel.

(4) Three of the Staff or C and R Vehicles and 20 Jeeps will be used for control of balance of load-carrying vehicles which will be operated by civilian firms.

RATING: II

////////////////////////END OF REQUISITION////////////////////////

Declassified E.O. 12356 Section 3.3/NND No. 785021

Regn.Div./GP/cl

R/16 N/TS File

HEADQUARTERS ALLIED COMMISSION
APO 394
Requisition Division

In reply
refer to:
RD-400/167

25 November 44

SUBJECT: Maintenance Equipment - AC-ORD-49-45.

TO : Director, Transportation Subcommission, A.C.

1. Attached requisition, AC-ORD-49-45, has been screened by this Division and forwarded to AFHQ for approval.

2. You will be advised of future action taken in the procurement and shipment of items listed on this requisition.

Robert A. Martino
ROBERT A. MARTINO,
Lt. Col., SR. ORD,
Chief, Requisition Division.

2047

Declassified E.O. 12356 Section 3.3/NND No. 785021

AFHQ - G-5 Section 4 1

AC-OD-49-45 22 November 1944 SPECIAL

DEMO - AC Transportation Sub-Commission

ROBERT A. MARTINO
Lt. Col. C. E.
Chief, Requisition Division

A. C. ANTOLINI
Acting Deputy, Chief of Staff
Economic Section

41-T-3547-10 Tool set, Unit Equipment, 3rd Echelon Set No. 1.	EA.	2
41-T-3547 - Tool Set, Unit Equipment, 5th Echelon Set, No. 1.	EA.	1
41-T-3531-37 Tool Sets General Mechanics.	EA.	100
41-T-3505-Tool Set, Battery Expert.	EA.	2
41-T-3525-Tool Set, Body Mechanics.	EA.	2
41-T-3523-75 Tool Carburettor Mechanics.	EA.	2
41-T-3535-75 Tool Set Ignition Mechanics.	EA.	2
41-T-3537-Tool Set Machinist.	EA.	3
41-T-3539- Tool Set Painters.	EA.	3
41-T-3541-Tool Set Sheet Metal and Radiator Mechanics.	EA.	2
41-T-3543-Tool Set Trimmers.	EA.	2
41-T-3555-Tool Set Welders.	EA.	4
None Truck Wrecker, 4 ton, 6 x 6 or 2 off Tractors, 6 wheeled Breakdown.	EA.	2

2046

1 1 6 21

Declassified E.O. 12356 Section 3.3/NND No. 785021

Dynamometer capable of absorb- EA. 1
ing 120 BHP at 3000 R.P.M.

Federal Stock No.
17-C-2015-Lens Generator A.C. portable
gasoline engine-driven 25 KW
60 cycle 115/230 V 3 Phase
4 wire.

//////////////////////////////LAST ITEM//////////////////////////////

DELIVERY: Ship to Naples consigned as above. Shipment to be made as soon as possible if from Theatre stocks, otherwise, ship on or before 1 February 1945.

BASIS: (1) Items requested on this requisition are based on the result of a survey of buildings and equipment suitable for higher echelon maintenance in Rome and Naples areas.

(2) Finding of Survey Team.

A. Vehicle Distribution.

2045

Southern Region H.Q. Naples.

The approximate number of vehicles American and British at present employed in this Region is 600 but this number varies owing to several reasons, namely, seasonal requirements, crops, road construction etc., these vehicles being temporarily transferred from other regions.

Rome Area.

Region IV and V. H.Q. Rome and H.Q. Aquila.

The approximate number of American and British military vehicles in these Regions is 550. This number also varies as in the Southern Region.

Northern Area.

Regions VIII and IX H.Q. Florence and H.Q. Bologna.

Not yet surveyed.

B. Vehicle Maintenance.

At present 1st and 2nd Echelon Maintenance is being carried out by A.C. Regional Garages, Higher Echelon on Civilian Vehicles and occasionallyon Military Vehicles, by civilian garages.

Higher Echelon on Military Vehicles is being done mainly by American Ordnance and R.E.M.E. Workshop.

A preventative maintenance program which is a combination of American and British Maintenance procedure has been instituted by Allied Commission. This program includes an inspection on each vehicle every tenth day.

The Allied Commission at present does not have the necessary tools and equipment to perform all of their Higher Echelon Maintenance.

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Declassified E.O. 12356 Section 3.3/NND No. 785021

(3) The report of the survey contains certain recommendations. These are set forth as follows:

That 1st and 2nd. Echelon work in Military Vehicles be accomplished at the established Provincial Garages, with emergency Major Unit replacement as directed by the Regional Civil Transport Officer. This to be carried out in Garage with adequate personnel and equipment. Some additional hand tools and equipment will be necessary at certain of these Garages.

It is recommended that Heavy Repair Shops be established to which will be evacuated all repairs beyond the scope of the Provincial Garages.

Since heavy repairs on A. C. Military Vehicles are at present being carried out by Military Workshops additional equipment will be required by Allied Commission to take over the entire maintenance of all of their vehicles.

It has been found that the existing civilian facilities are only adequate for the maintenance of civilian vehicles. The load on these civilian shops is becoming increasingly heavy owing to the supply of spare parts being almost exhausted and not obtainable due to the fact that the factories are still in enemy hands.

It is recommended that a 3rd. Echelon Shop or the British equivalent be established and equipped at Naples for the Southern Region.

It is suggested that the U.T.C. Motor Pool Garage, 56-58 Brindisi Street be used for the purpose. This location consists of three buildings with a total of 30,000 sq.ft. of floorspace. The buildings are in good condition and very suitable for the purpose.

2044

It is recommended that a 3rd. and 5th Echelon or Base Shop be established in Rome. To carry out this plan it would be necessary to furnish the Allied Commission with the equipment for a 5th. Echelon or Base Shop and also an initial stock of major assemblies for exchange purposes until such time as the Base Shop had built up a supply.

It would also be necessary to furnish a 3rd. Echelon Set No. 1 or the equivalent British but if the arrangements could be made for the transfer of the equipment at P.B.S.-M.M. Shop No. 3 the 3rd. Echelon Set No. 1 for Rome would not be required.

As an alternative if the P.B.S. Shop does not become available the Fiat Garage, Via di Porta Maggiore is available for the establishment of both the 3rd and 5th Echelon Repairs.

Recommendations for Northern Area will be submitted as soon as the survey is completed. For the period of time required for the establishment of these shops additional skilled military personnel should be made available for a long enough period to enlist and train civilians.

Recovery Vehicles.

At the present the only vehicles that Allied Commission have for recovery purposes are three 2½ ton 6x6 G.M.C. Trucks equipped with 2nd. Echelon Set No. 7 Barrel Hoist and Super Structure.

These are not capable of recovering the heavy trucks or lighter trucks when loaded. British and American Army Shops are called upon for heavy duty wrecker service to supplement the existing A.C. equipment. It is recommended that at least three 6 x 6 four ton Diamond T. Wreckers or Tractors Six Wheeled Breakdown be supplied. These to be located at the 3rd. Echelon Workshops.

RATING: XXI

////////////////////////END OF REQUISITION////////////////////

2043

Declassified E.O. 12356 Section 3.3/NND No. 785021

1165