

MILITARY PLANNING DIVISION  
RESEARCH & DEVELOPMENT BRANCH

**RESTRICTED**  
**SECRET**

STATUS REPORT  
OF  
RESEARCH & DEVELOPMENT PROJECTS

October 10, 1942

Classification Unchanged is  
Secret  
Confidential  
Declassified By Authority The J. M. G.  
RAY E. W. KEY,  
Capt., QMC  
Signature \_\_\_\_\_  
Date: \_\_\_\_\_

**RESTRICTED**  
**SECRET**

<u>Page</u>	<u>Name</u>	<u>Project Number</u>
✓ 1	Adaptor, Ski Sled	PD-327-42
✓ 2	Bag, Clothing	404-42
✓ 3	Bag, Waterproof, Assorted Sizes	431-42
✓ 4	Bar, Insect	172-42
✓ 5	Boot Mukluk	15-42
✓ 6	Bugle Plastic	366-42
✓ 7	Cap, Woven Type	261-42
✓ 8	Carrier, Shovel	387-42
✓ 9	Case, Brief	21-42
✓ 10	Equipment, Kitchen Field	14-42
✓ 11	Equipment, Sterilization & Drying	49-42
✓ 12	Glasses, Sun with Case (For Amphibian Troops)	424-42
✓ 13	Gloves & Mittens, Decontamination C.D.	68-42
✓ 14	Headnet, Mosquito, Alaskan Type	126-42
✓ 15	Headnet, Mosquito, Standard	385-42
✓ 16	Jacket, Mountain	300-42
✓ 17	Kit, Darning	411-42
✓ 18	Liner, Helmet, M-1	86-42
✓ 19	Nylon, Protection of in Strong Sun	
✓ 20	Packaging & Containers for Subsistence Supplies	06-42
✓ 21	Poles, Ski	129-42
✓ 22	Poncho, Desert	



✓ 23	Ration, Bail-Out	PD-372-42
✓ 24	Scabbard, Rifle M-1938	140-42
✓ 25	Scabbard, Sub-Machine Gun	
✓ 26	Substitute Material for Rubber Boots and Gloves	
✓ 27	Sweaters	43-42
✓ 28	Wood Bedstead	359-42

ACTIVE PROJECTS

0 29	Adaptors, Packboard	435-42
30	Armor, Thermal	
31	Bag, Barracks	362-42
32	Bag, Canvas, Water	340-42
33	<u>Bag, Sleeping</u>	49-42
34	Bag, Sleeping Artificial Down	4-42 <i>out</i>
35	Bag, Sleeping, Arctic	379-42 <i>out</i>
36	Belt, Cartridge, M-1 Carbine	355-42
37	Bladder, Flotation, Jungle	426-42
38	Blanket, Wool, Blended	369-42
39	Belt, Expansion	297-42
40	Boot, Desert	386-42
41	Boot, Felt	228-42
42	Boot, Jungle	298-42
43	Boot, Ropesole	288-42
44	Boot, Rubber, Short, Decontamination	18-42
45	Brush, Tooth	260-42

~~SECRET~~  
~~RESTRICTED~~

<u>Page</u>	<u>Name</u>	<u>Project Number</u>
46	Buckle, Plastic, for Work Jacket	PD-434-42
47	Camouflage Clothing	89-42
48	Canteen	200-42
49	Canteen, Collapsible	316-42
50	Canteen, Desert	23-42
51	Cape, Rain	412-42
52	Carrier, Grenade	298-42
53	Carrier, Grenade	346-42
54	Case, Stove, Vehicular	281-42
55	Cement-substitute for rubber cement	
56	Clipper, Beard	320-42
57	Clothing, Interliner Paper	35-42
58	Coat, Duck, Fireman's	
59	Container, Waterproof	446-42
60	Cover, Boot	12-42
61	Cover, Waterproof, Rifle	447-42
62	Delousing, Methyl Bromide Method	450-42
63	Detector, Avalanche Set	344-42
64	Duck for Equipage (Lowering Weight Without Decreasing Strength)	423-42
65	Duck Waterproof, Mildew Proof for Water Bags.	452-42
66	Dyeing on Textile	56-42
67	Equipment, Life-Preserving	105-42
68	Eyelets, Grommets, Plastic	433-42

<u>Page</u>	<u>Name</u>	<u>Project Number</u>
69	Fabric Impermeable Coated	PD-448-42
70	Fabric, Overcoat, for W A A O	436-42
71	Flaps, Wader	388-42
72	Footwear, Rubber, Repair of	62-42
73	Fruits & Vegetables, Dehydrated	05-42
74	Gasoline, Deleading for Field Range	410-42
75	Gloves, Canvas, Neoprene Coated	20-41
76	Gloves, Impermeable Rubber Dipped	75-42
77	Goggles, All Plastic	348-42
78	Goggles for Mechanized Troops (Non-toxic face piece)	78-42
79	Harness, Toboggan	382-42
80	Heels & Soles	
81	Helmet, Civilian Defense (Substitute Material for)	415-42
82	Helmet, Plastic	363-42
83	Hose, Thigh-Length	
84	Identification, Air-Ground	330-42
85	Insignia, Enlisted Men's - Plastic	444-42
86	Insignia Cap & Collar, ASC	
87	Jacket, Desert	92-42
88	Kit, Barbers	454-42
89	Kit, Repair, Slide Fasteners	
90	Leather, Mold and Rot Prevention	439-42
91	Leather Substitution and Conservations	104-42



92	Match, Waterproof	PD-326-42
93	Mattress Cotton & Redwood Bark Fiber	354-42
94	Meats, canned and Dehydrated & Lard	375-42
95	Mending Materials	06-42
96	Metabolism Increase during sleep	
97	Mud Shoes, Jungle	392-42
98	Nails, Mountain	234-42
99	Over-shoe Amphibian	364-42
100	Pack Army	120-42
101	Pack Dog	393-42
102	Paulins, Asphaltic Fabric	347-42
103	Poles, Tent	309-42
104	Pouche, Ambulance	445-42
105	Probe, Avalanche	133-42
106	Raincoat	203-42
107	Raincoat, Improved	406-42
108	Ration 5 in 1	04-42
109	Ration, Mountain	370-42
110	Ration, One-shot	371-42
111	Ration Type C	240-42
112	Recoloring Discolored Web Equipment	368-42
113	Rope, Climbing	136-42
114	Rot & Termite	

115	Safe, Field (Alternate material for)	442-42
116	Saw Band	312-42
117	Saw Buck	413-42
118	Scabbard Carbine, Cal 30 M-1	139-42
119	Sheath for Machete, Bolo, etc.	143-42
120	Shirt, Desert	147-42
121	Shoe, Boatman	365-42
122	Shovel, Intrenching with Pike Handle	391-42
123	Ski Binding	9-42
124	Ski, Collapsible	301-42
125	Ski, HardSurfaced	151-42
126	Sled, Collapsible	153-42
127	Sledge	339-42
128	Slipper, Felt	395-42
129	Snowshoe Horse	396-42
130	Soles, outer for Army Shoes	
131	Spike, Climbing Jungle	397-42
132	Spring Fabric Mattress	434-42
133	Stones, Sharpening	
134	Stove, Cold Climate	165-42
135	Stove, Tent Heating	166-42
136	Stove, Two Burner	334-42
137	Strap, Ski, Safety	180-42

<u>Page</u>	<u>Name</u>	<u>Project Number</u>
138	Suit, Battle, One-Piece	295-42
139	Suit Parachute Jumper	230-42
140	Taps, Rubber Corded	156-42
141	Tent Mountain, 2 man, complete with pins & poles	177-42
142	Tent, Pentagon	
143	Tent, Post Command	422-42
144	Tent, Squad	43-42
145	Tent, Surgical, Truck	443-42
146	Tent, Wall, Lightweight, 4-man	
147	Toboggan, Military	399-42
148	Trousers, Arctic	400-42
149	Tubing, Plywood	441-42
150	Vegetables, Dehydrated	374-42
151	Vest String	401-42
152	Waders	191-42
153	Warmers, Hand and Tool	164-42
154	Waterproofing	09-42
155	Wax Ski	56-42



DEVELOPMENT PROJECTS

10-7-41

(Date of Initiation)

**SECRET**

Quartermaster Corps

(Supply Service)

1. Project description: Adapter Ski Sled

Project number: PD- 327-42

2. Development laboratories:

3. Cooperating firms:

City

State

Classification Changed to

Cancelled By Authority The Q. M. S.

Signature

Date:

7 AUG 1942

4. Progress description

Date

Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model 1-31-42
3. Pilot completed
4. Engineering tests completed
5. Services tests initiated 6-30-42
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed 8-12-42
10. Project dropped

5. Remarks (Show any recent developments since the last report.)

ADAPTOR, SKI-SLED.- Standardized 8/12/42. Specification BQD 87 written.

**SECRET**

43414

7-15-42

(Date of Initiation)

**SECRET**

Quartermaster Corps

(Supply Service)

1. Project description: Bag, clothing  
Waterproof

Project number: PD- 404-42

2. Development laboratories:

3. Cooperating firms:

City

State

Classification Changed to  
Cancelled Secret Confidential  
By Authority The Q. M. S.  
RAY E. WATKEY,  
Capt., QMC  
Signature Date: 7 AUG 1942

4. Progress description

Date  
Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model
3. Pilot completed
4. Engineering tests completed
5. Services tests initiated
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed 9-30-42
10. Project dropped

7-31-42

5. Remarks (Show any recent developments since the last report.)

BAG, CLOTHING, WATERPROOF.- Completed. Specifications completed.

BAG, CLOTHING, WATERPROOF.- Standardized 8-31-42. Spec. PQD 229, 8-3-42, issued.

43414



DEVELOPMENT PROJECTS

**RESTRICTED**

Aug. 11, 1942  
(Date of Initiation)

Quartermaster Corps  
(Supply Service)

1. Project description:

Project number: PD- 431-42

Bag, Waterproof, Assorted Sizes

2. Development laboratories:

3. Cooperating firms:

City

State

Classification Changed to  
Cancelled Secret Confidential  
By Authority The Q. M. G.  
RAY E. MEYER,  
Capt., QMC  
Signature Date 7 AUG 1942

4. Progress description

Date

Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model
3. Pilot completed
4. Engineering tests completed
5. Services tests initiated
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed
10. Project dropped

9 - 30 - 42

5. Remarks (Show any recent developments since the last report.)

BAG, WATERPROOF, ASSORTED SIZES.- Dropped. Transferred to Project 446-42.

**RESTRICTED**

43414



3-3-42  
(Date of Initiation)

**SECRET**

Quartermaster Corps  
(Supply Service)

1. Project description: Bar Insect  
Redesign of fabric & Bar

Project number: PD-172-42

2. Development laboratories:

Philadelphia Q.M.C. Depot

3. Cooperating firms:

City

State

Classification Changed to  
Cancelled By Authority The Q. M. C.  
Secret RAY E. HALEY  
Confidential  
Capt, 2nd  
Signature  
Date:

4. Progress description

Date

Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model 4-30-42
3. Pilot completed
4. Engineering tests completed
5. Services tests initiated
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed 9-30-42
10. Project dropped

5. Remarks (Show any recent developments since the last report.)

BAR, SAND FLY.- Q.M.C.T.C. recommended that item be renamed Bar, Insect, Field and that it be issued for use by troops where protection against either mosquitos or sandflies in the field is required.

**SECRET**

43414

## DEVELOPMENT PROJECTS

11-30-41

(Date of Initiation)

Quartermaster Corps  
(Supply Service)

1. Project description: Boot Mukluk

Project number: PD- 15-42

2. Development laboratories:

3. Cooperating firms:

City

State

U.S?Rubber Co.

New York

Classification changed to

Cancelled Secret Confidential  
By Authority The Q. M. G.  
RAY E. McKEY,  
Capt., QMC

Signature

Date: 7 AUG 1945

4. Progress description

Date

Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model
3. Pilot completed
4. Engineering tests completed
5. Services tests initiated 3-31-42
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed 8-12-42
10. Project dropped

5. Remarks (Show any recent developments since the last report.)

BOOT, MUKLUK, WINTER.- Standardized 8/12/42. Specification BQD 86 written.

SECRET

43414



6-22-42  
(Date of Initiation)

**SECRET**

Quartermaster Corps  
(Supply Service)

1. Project description: Bugle Plastic

Project number: PD- 366-42

Investigation of possibility of substituting Plastic for Brass

2. Development laboratories:

3. Cooperating firms:

City

State

Classification Changed to  
Cancelled Secret Confidential  
By Authority The Q. M. G.  
RAY E. McKEY,  
Capt. QMC

4. Progress description

Signature

Date:

Date

Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model
3. Pilot completed
4. Engineering tests completed
5. Services tests initiated
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed 10-1-42
10. Project dropped

5. Remarks (Show any recent developments since the last report.)

BUGLE, PLASTIC.- Project completed. Standardized 10/1/42. Priority is ready; procurement directive will be put through as soon as staff approval is granted.

**SECRET**



**SECRET**  
**RESTRICTED**

4 - 30 - 42  
(Date of Initiation)

Quartermaster Corps  
(Supply Service)

1. Project description: Cap, Woven Type

Project number: PD- 261 - 42

2. Development laboratories:

3. Cooperating firms:

City

State

Classification Changed to  
Confidential  
Cancelled By Authority The Q. M. G.  
RAY E. MCKEY,  
Capt., QMG  
Signature  
Date: 7 AUG 1942

4. Progress description

Date

Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model
3. Pilot completed
4. Engineering tests completed
5. Services tests initiated
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed
10. Project dropped

10 - 1 - 42

5. Remarks (Show any recent developments since the last report.)

CAP, WOVEN TYPE, FOR WEAR UNDER HELMET LINER.- Dropped. Since the knitted type is satisfactory further development does not seem necessary at this time.

**SECRET**  
**RESTRICTED**

43414

7-1-42(Date of Initiation)Quartermaster Corps  
(Supply Service)

1. Project description: Carrier shovel  
Intrenching Rucksack

Project number: PD- 387-42

2. Development laboratories:  
Jeffersonville Q.M.C. Depot

3. Cooperating firms: City State

Classification Changed to

Cancelled Secret Confidential  
By Authority The Q. M. C.  
RAY E. MOORE  
Capt., QMC

Signature

Date: 7 AUG 1942

4. Progress description

Date

Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model 7-1-42
3. Pilot completed 7-8-42
4. Engineering tests completed
5. Services tests initiated
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed 8-12-42
10. Project dropped

5. Remarks (Show any recent developments since the last report.)

CARRIER, SHOVEL, INTRENCHING, RUCKSACK.- JQD 179, 7/22/42, issued.  
Standardized 8/12/42.

SECRET

43414



3-4-42

(Date of Initiation)

Quartermaster Corps

(Supply Service)

1. Project description: Case Brief      Project number: PD- 21-42  
Development of substitute for leather Brief Case.
2. Development laboratories:  
Jeffersonville Q.M.C. Depot
3. Cooperating firms:      City      State

Classification Changed to

Cancelled      Secret      Confidential  
By Authority The Q. M. C.  
RAY E. McKEY,  
Capt., QMC

Signature

Date: 7 AUG 1942

## 4. Progress description

Date

Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model      3-31-42
3. Pilot completed      6-30-42
4. Engineering tests completed
5. Services tests initiated
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization of project satisfactorily completed
10. Project dropped      9-30-42

## 5. Remarks (Show any recent developments since the last report.)

" | Project dropped since work is being done by  
Federal Spec Board

SECRET

**SECRET**Quartermaster Corps  
(Supply Service)6-1-41  
(Date of Initiation)1. Project description: Equipment Kitchen  
Field

Project number: PD- 14-42

2. Development laboratories:  
Jeffersonville Q.M.C. Depot

3. Cooperating firms: City State

4. Progress description

Classification Changed to  
 Cancelled Secret Confide"  
 By Authority The Q. M. G.  
 RAY E. M. G.  
 Capt., QMC  
 Signature  
 Date 7 Nov 1941  
 Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model
3. Pilot completed
4. Engineering tests completed
5. Services tests initiated
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed 10-1-42
10. Project dropped

5. Remarks (Show any recent developments since the last report.)

Project is essentially complete revisions to equipment will be reported under separate projects as necessary

**SECRET**

43414



3-2-42

(Date of Initiation)

Quartermaster Corps  
(Supply Service)1. Project description: Equipment Sterilization  
& Drying

Project number: PD- 49-42

2. Development laboratories:

3. Cooperating firms:  
American Sterlizer Co.  
Quardite CorpCity  
Erie  
ChicagoState  
Pa  
Ill

Classification Changed to  
Cancelled By Authority Secret  
The Q. M. G.  
RAY E. Capt., Jr.  
Signature Date  
7 AUG 1942  
Month Day Year

4. Progress description

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model
3. Pilot completed
4. Engineering tests completed
5. Services tests initiated
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed
10. Project dropped

3-31-42

10-1-42

5. Remarks (Show any recent developments since the last report.)

Still awaiting delivery of pilot model. Project dropped on authority from SOS since it has been dormant for several months.

July 15, 1942  
(Date of Initiation)

Quartermaster Corps  
(Supply Service)

1. Project description:

Project number: PD- 424-42

Glasses, <sup>SUN</sup>~~Green~~ with Case (For Amphibian Troops)

2. Development laboratories:

3. Cooperating firms:

City

State

Classification Changed to  
Declassified  
By Authority The J. M. G.  
Signature RAY E. MEYER, Capt., GNC.  
Date 7 AUG 1970

4. Progress description

Date

Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model
3. Pilot completed
4. Engineering tests completed
5. Services tests initiated
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed
10. Project dropped

8-31-42

10-1-42

5. Remarks (Show any recent developments since the last report.)

Dropped on authority from SOS.

43414



1-2-42  
(Date of Initiation)

**SECRET**  
**RESTRICTED**

Quartermaster Corps  
(Supply Service)

1. Project description: Gloves & Mittens  
Decontamination C.D.

Project number: PD- 68-42

2. Development laboratories:  
MIT

3. Cooperating firms:	City	State
Congoleum-Nairn Inc.	Philadelphia	Pa.
Edmont Mfg. Co.	Coshocton	Ohio
Mosland Duraleather Co.	Carlisle	Pa.
Pratt-Lambert Inc.	Buffalo	N.Y.
Arden Rayshine Co.	Watertown	Mass
U.S. Rubber Co.	Nangatuck	Conn
Wells-Lamont Corp.	Chicago	Ill

**Classification Changed to**  
**Secret**  
**Confidential**  
Cancelled By Authority The Q. M. S.  
RAY E. HAYES, Capt., QMGC  
Signature Date: 7 AUG 1942

4. Progress description

Date  
Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model
3. Pilot completed
4. Engineering tests completed
5. Services tests initiated
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed 9-30-42
10. Project dropped

5. Remarks (Show any recent developments since the last report.)

MITTENS DECONTAMINATION.- OQMG specification 67A has been completed on mittens, decontamination.

**SECRET**  
**RESTRICTED**

43414

9-9-80-42  
(Date of Initiation)

Quartermaster Corps  
(Supply Service)

1. Project description: Headnet, Mosquito,  
Alaskan Type

Project number: PD-126-42

2. Development laboratories:

3. Cooperating firms:

City

State

Classification Changed to  
Cancelled Secret  
By Authority The Q. M. S.  
RAY E. Capt., USA  
Signature Date: 7 AUG 1942

4. Progress description

Date

Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model
3. Pilot completed
4. Engineering tests completed
5. Services tests initiated
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed 9-30-42
10. Project dropped

5. Remarks (Show any recent developments since the last report.)

HEADNETS, MOSQUITO, ALASKA TYPE.- Present item declared limited standard. Thereafter Headnet, Mosquito 1942, will be issued.

SECRET

43414



7 - 4 - 42  
(Date of Initiation)

Quartermaster Corps  
(Supply Service)

1. Project description: ~~Headnet~~, Mosquito, Standard Project number: PD-385-42

2. Development laboratories:

3. Cooperating firms:

City

State

Classification changed to  
Secret Confidential  
Cancelled By Authority The Q. M. G.  
RAY E. M. EY.  
Capt., QMC  
Signature  
Date 7

4. Progress description

Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model 7 - 10 - 42
3. Pilot completed
4. Engineering tests completed
5. Services tests initiated
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed 9-30-42
10. Project dropped

5. Remarks (Show any recent developments since the last report.)

HEADNETS, MOSQUITO (STANDARD).- Present item declared limited standard. Thereafter Headnet, Mosquito 1942, will be issued.

SECRET

6 - 1 - 42  
(Date of Initiation)

Quartermaster Corps  
(Supply Service)

1. Project description: Jacket, Mountain

Project number: PD-300-42

2. Development laboratories:  
Philadelphia QMC Depot

3. Cooperating firms:

Classification changed to  
Secret  
By Authority The Q. M. G.  
RAY E. MEYER,  
Capt., QMC  
Signature  
Date: 7 AUG 1942

State

Classification changed to  
Secret  
By Authority  
Signature  
Date: 7 AUG 1942

4. Progress description

Date  
Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model
3. Pilot completed
4. Engineering tests completed
5. Services tests initiated
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed 8-12-42
10. Project dropped

5. Remarks (Show any recent developments since the last report.)

JACKET (MOUNTAIN).-- Standardized 8/12/42..

SECRET

43414



7-30-42  
(Date of Initiation)

Quartermaster Corps  
(Supply Service)

**RESTRICTED**  
**SECRET**

1. Project description: Kit Darning

Project number: PD- 411-42

2. Development laboratories:

3. Cooperating firms:

City

State

Classification changed to  
Confidential  
Cancelled By Authority The Q. M. S.  
RAY E. McKEY,  
Capt., QMC  
Signature  
Date: 7 AUG 1945

4. Progress description

Date  
Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model
3. Pilot completed 8-31-42
4. Engineering tests completed
5. Services tests initiated
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed 9-30-42
10. Project dropped

5. Remarks (Show any recent developments since the last report.)

~~KIT, DARNING.~~ - PQD 254 9/1/42. Submitted to Q.M.C.T.C.

**RESTRICTED**  
**SECRET**

43414

5 - 1 - 41  
(Date of Initiation)

Quartermaster Corps  
(Supply Service)

1. Project description: Liner, Helmet, M-1

Project number: PD- 86-42

2. Development laboratories:

3. Cooperating firms:

City

State

4. Progress description

Classification Changed to  
Cancelled Secret Confidential  
By Authority The Q. M. G.  
RAY E. McKEY,  
Capt., QMC  
Signature  
Date: 7 April 1942  
Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model
3. Pilot completed
4. Engineering tests completed
5. Services tests initiated
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed 9-30-42
10. Project dropped

5. Remarks (Show any recent developments since the last report.)

Development of this item is essentially complete work which continues is of a production expediting nature.



STATUS REPORT ON RESEARCH AND  
DEVELOPMENT PROJECTS

(Date of Initiation)

Quartermaster Corps  
(Supply Service)

1. Project description: Nylon Protection of in Strong Sun  
Investigation to find methods of preventing deterioration of Nylon by ultra violet
2. Development laboratories:

N D R C Project # Q M C 12

3. Cooperating firms: City State

Classification Changed to  
Cancelled Secret Confidential  
By Authority The Q. M. G.  
RAY E. M. G.  
Capt., QMG  
Signature  
Date: 7 AUG 1942

4. Progress description

Date  
Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model
3. Pilot completed
4. Engineering tests completed
5. Services tests initiated
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed 9-30-42
10. Project dropped

5. Remarks (Show any recent developments since the last report.)

NYLON, PROTECTION OF IN STRONG SUN.- NDRC's part in this project is complete. The Dupont Company will initiate the necessary investigations for suitable production of nylon.

2 — 42

(Date of Initiation)

Quartermaster Corps

(Supply Service)

1. Project description: Packaging & Containers Project number: PD- 06-42  
for Subsistence Supplies

2. Development laboratories:

3. Cooperating firms:

City

State

Classification Changed to  
Cancelled Secret Confidential  
By Authority The Q. M. G.  
RAY E. MEYER,  
Capt., QMC  
Signature Date: 7 AUG 1942

4. Progress description

Date  
Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model
3. Pilot completed
4. Engineering tests completed
5. Services tests initiated
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed 9-30-42
10. Project dropped

5. Remarks (Show any recent developments since the last report.)

Work on this project is mostly done at Chicago Depot.

RECEIVED  
SE  
- 20 -

43414



3-13-42

(Date of Initiation)

**SECRET**

Quartermaster Corps  
(Supply Service)

1. Project description: Poles Ski

Project number: PD- 129-42

2. Development laboratories:

Boston QMC Depot

3. Cooperating firms:

American Fork Hoe Co.  
Continental Diamon Fiber  
Gerber Bros

City  
Geneva  
Newark

State  
Ohio  
Del.

Lane Co. Inc.  
National Vulcanized Fiber  
Orvis, Charles F. Co.

-  
Alta Vista  
Wilmington  
Manchester

-  
Va  
Del  
Vt.

Classification changed to  
Secret  
Cancelled  
By Authority The Q. M. G.  
RAY E. M. EY,  
Capt., QMC  
Signature  
Date 7 AUG 1942

4. Progress description

Date

Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model 5-30-42
3. Pilot completed
4. Engineering tests completed
5. Services tests initiated
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed 9-9-42
10. Project dropped

5. Remarks (Show any recent developments since the last report.)

POLE, SKI.- Tentative Specification OQMG 6-C 9/9/42. Standardized  
4/26/42.

**SECRET**

43414

Aug. 1, 1942

(Date of Initiation)

Quartermaster Corps

(Supply Service)

1. Project description:

Project number: PD-

Poncho, Desert

(For rain protection to replace tent and raincoat)

2. Development laboratories:

3. Cooperating firms:

City

State

Classification Changed to  
Confidential  
Secret  
By Authority The Q. M. S.  
RAY E. HIXEY,  
Capt., QMC  
Signature  
Date:

4. Progress description

Date

Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model
3. Pilot completed
4. Engineering tests completed
5. Services tests initiated
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed
10. Project dropped

9-30-42

5. Remarks (Show any recent developments since the last report.)

PONCHO, DESERT.- Samples field tested at Camp Lee and as result of tests the QM Board recommended the poncho not be considered a satisfactory substitute for raincoats. Any further development will be for supplementary issue if sufficient raincoats are not procureable.

SECRET

43414



**SECRET**

Quartermaster Corps  
(Supply Service)

7-21-42  
(Date of Initiation)

1. Project description: Ration Bail-out

Project number: PD- 372-42

2. Development laboratories:

3. Cooperating firms:

City

State

Classification Changed to  
Confidential  
Cancelled By Authority The Q. M. G.  
RAY E. McLEY,  
Capt., QMG  
Signature  
Date 7-AUG 1942

4. Progress description

Date

Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model
3. Pilot completed
4. Engineering tests completed
5. Services tests initiated
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed 9-30-42
10. Project dropped

5. Remarks (Show any recent developments since the last report.)

RATION, BAIL-OUT.- Completed. The complete ration has been worked out, submitted to and approved by TNA.

**RESTRICTED**  
**SECRET**  
- 23 -

43414

2-16-42  
(Date of Initiation)

Quartermaster Corps  
(Supply Service)

1. Project description: Scabbard Rifle M-1938 Project number: PD- 140-42  
Substitute for Leather

2. Development laboratories:

Jeffersonville Q.M.C. Depot

3. Cooperating firms:

City

State

4. Progress description

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model
3. Pilot completed
4. Engineering tests completed
5. Services tests initiated
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed
10. Project dropped

9-30-42

5. Remarks (Show any recent developments since the last report.)

SCABBARD, RIFLE M-1938. - In view of change in requirements it has been decided to withhold further development of substitute materials.

SECRET



4-17-42

(Date of Initiation)

Quartermaster Corps

(Supply Service)

1. Project description: Scabbard Sub-Machine Gun Project number: PD-

2. Development laboratories:

Jeffersonville Q M C Depot

3. Cooperating firms:

City

State

Classification Changed to

Beckwith Mfg. Co.  
Blanchard Bros - Lane  
Masland Durable Leather Co.  
Remington Rand Co.

Dover  
Newark  
Phila  
Buffalo

N.H.  
N.J.  
Pa.  
N.Y.

Secret  
Confidential  
By Authority The Q. M. G.  
RAY E. KNEY  
Capt., QMG  
Signature  
Date: 7 AUG 1942

4. Progress description

Date

Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model
3. Pilot completed
4. Engineering tests completed
5. Services tests initiated
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed
10. Project dropped

9 - 30 - 42

5. Remarks (Show any recent developments since the last report.)

SCABBARD, SUB-MACHINE GUN. - In view of change in requirements it has been decided to withhold further development of substitute materials.

SECRET

43414

7-13-42

(Date of Initiation)

Quartermaster Corps  
(Supply Service)

1. Project description: Substitute Material for Project number: PD-  
Rubber Boots and Gloves

2. Development laboratories:

N D R C Project # Q M C - 10

3. Cooperating firms:

City

State Changed to  
Classification Secret Confidential  
Cancelled By Authority The Q. M. C.  
RAY E. MCKEY,  
Capt., QMC  
Signature  
Date: 7 AUG

4. Progress description

Date

Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model
3. Pilot completed
4. Engineering tests completed
5. Services tests initiated
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed 9-30-42
10. Project dropped

5. Remarks (Show any recent developments since the last report.)

SUBSTITUTE MATERIAL FOR RUBBER BOOTS AND GLOVES.- Mr. Stanley P. Lovell is preparing a final report, since he has been assured by Major Rothschild of the Massachusetts Institute of Technology that the asphalt products have met all the tests satisfactorily.

SECRET



2-15-42

(Date of Initiation)

Quartermaster Corps

(Supply Service)

1. Project description: Sweaters

Project number: PD- 43-42

Revision of specs to provide for farther bidders.

2. Development laboratories:

3. Cooperating firms:

City

State  
Classification Changed to  
Cancelled Secret Confidential  
By Authority The Q. M. G.  
RAY E. H. ST.  
Capt., QMGC  
Signature  
Date: 7 AUG 1942

4. Progress description

Date

Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model
3. Pilot completed
4. Engineering tests completed
5. Services tests initiated
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed
10. Project dropped

9-30-42

5. Remarks (Show any recent developments since the last report.)

SWEATERS, (POSSIBLE REVISION OF SPEC).- Dropped as this is a matter of decision rather than development.

SECRET

- 27 -

43414

6-15-42

(Date of Initiation)

Quartermaster Corps  
(Supply Service)

1. Project description: **Wood Bedstead** Project number: PD- 359-42  
Revision of specs and study to include softwoods in manufacture of beds.

2. Development laboratories:

3. Cooperating firms:

City

State

Classification Changed to  
Declassified Secret  
By Authority The G. M. B.  
RAY E. HAYES  
Capt., GCMC  
Signature  
Date: 7 AUG 1942

4. Progress description

Date

Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply
2. Work started on pilot model 7-9-42
3. Pilot completed
4. Engineering tests completed
5. Services tests initiated
6. All service tests completed
7. Redesign initiated
8. Redesign completed
9. Commanding General, Services of Supply approves standardization or project satisfactorily completed 9-30-42
10. Project dropped

5. Remarks (Show any recent developments since the last report.)

BEDS TEAD, WOOD.- Tests at National Bureau of Standards on bed and bedspring fabric completed. Project completed.