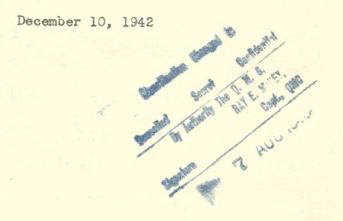
OFFICE OF THE QUARTERMASTER GENERAL
MILITARY PLANNING DIVISION
RESEARCH & DEVELOPMENT BRANCH

STATUS REPORT

OF

RESEARCH & DEVELOPMENT PROJECTS





### TNNRY

### COMPLETED AND DROPPED PROJECTS

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### ACTIVE PROJECTS

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42	Chest, Container, Non-metallic (Hymnal, Music Edition)	PD-532-42
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1'010	Name	Dr. 20 0m 4 %
	ACTIVE PROJECTS	Project Number
90	Pouch, Mail(To replace Saddlebags, M-1904)	PD-507-42
91	Probe Avalanche	133-42
92	Protective Coatings for Hardware	488-42
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97	Ration, One-shot	371-42
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105	Shoe Boatman Amphibian Troops	365-42
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108	Shovel Entrenching with Pike Handle	391-42
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414	Sledge Sless En La Contraction	339-42 43H

### ACTIVE PROJECTS

	Annual and the state of the sta	
115	Snowshoe Horse	PD-396-42
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117	Spike Climbing Jungle	397-42
118	Spring, Fabric, Bed	489-42
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129	Tarpaulin, Toboggan	470-42
130	Tent, Arctic, 2-man	542-42
131	Tent, Desert	541-42
132	Tent, Maintenance, Shelter, Armored Forces	465-42
133	Tents, Poncho, Sectional	471-42
134	Tent, Pentagon (4-man tent to be pitched on frozen ground)	417-42
135	Tent, Post Command	422-42
136	Tent, Wall, Lightweight, 4-man (For mountain troops)	419-42
137	Tip, Ski, Emergency Repair	516-42
138	Toboggan Military	399-42

#### ACTIVE PROJECTS

139	Toboggan, Military, Skier Type	PD-530-42
140	Trough, Dough	514-42
141	Trousers, Mountain, Women's	537-42
142	Trousers, Pile, Women's	536-42
143	Tubing, Plywood (for use in skiis, signal poles, etc.)	441-42
144	Uniform, Nurses (Color Change)	508-42
145	Vegetables Dehydrated	374-42
146	Vice, Ski	472-42
147	Waders	191-42
148	Warmers, Hand and Tool	164-42
149	Waterproofing	



10/8/42 (Date of Initiation)

Quartermaster Corps (Supply Service)

1. Project description:

Project number: PD-457-42

Boats, Folding

2. Development laboratories:

3. Cooperating firms:

Kalamazoo Boat Co. Fellows & Stewart Folbert Co.

City

Kalamazoo Wilming ton Long Island City

Michigan dresile fames N. Y.

Eru, DUA 3

Progress description

Date Month Day Year

10/30/42

- Military characteristics approved by the Commanding 9/29/42 General, Services of Supply
- 2. Work started on pilot model

3. Pilot completed

Engineering tests completed

5. Services tests initiated

6. All service tests completed

Redesign initiated 7.

8. Redesign completed

9. Commanding General, Services of Supply approves standardization or project satisfactorily completed

10. Project dropped

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

BOATS, FOLDING. - Project transferred to Engineers on Directive of 457-42 Headquarters, SOS. Our information on this subject has been passed on to the Engineers.



#### 7-1-42 (Date of Initiation)

SECRET

Quartermaster Corps (Supply Service)

1. Project description:

Boot Desert

Project number: PD- 386-42

- 2. Development laboratories:
- 3. Cooperating firms:

City

State Confidential Line of the Confidential Li

4. Progress description

Date

Month Day Year

- 1. Military characteristics approved by the Commanding General. Services of Supply
- 2. Work started on pilot model

7-31-42

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

10. Project dropped

11/30-42

- 5. Remarks (Show any recent developments since the last report.)
- 386-42 BOOT, DESERT. Dropped, per Directive from SOS as there is no mili requirement.

-1-

# 2-24-42 (Date of Initiation)

SECRET

Quartermaster Corps (Supply Service)

- 1. Project description: Bush Tooth Project number: PD- 260-42
  Preparation of specifications for satisfactory toothbrush.
- 2. Development laboratories:
  National Bureau of Standards

3.	Cooperating firms:
	DuPont Co.
	Electro Massage Tooth Brush
	Gibson Thompson Co.
	Hughes Autograph Brush Co.
	Owens, Staple Brush
	Prophylactic Brush Co.
	Rubberset Co.

City	State
Wilmington	Delawa
Orange	N.J.
New York	N.Y.
New York	N.Y.
roledo:	Ohio
Florence	Mass
Newark	N.J.

Accepted by Litherty To R. J. E. Cook, 1885.

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 // -30-42
- 10. Project dropped
- 5. Remarks (Show any recent developments since the last report.)

260-42 BRUSH, TOOTH. - Project completed. Specification has been issued and tooth brushes are being produced.



# 12-15-41 (Date of Initiation)

RESTORET

Quartermaster Corps
(Supply Service)

1. Project description: Camouflage Clothing

Project number: PD- 89-42

2. Development laboratories:

Philadelphia Q.M.C. Depot

3. Cooperating firms:

City

State State

4. Progress description

Month Day Year

- 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

11-30-42

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

CAMOUFLAGE CLOTHING. - At meeting of The Quartermaster Corps Technical Committee on October 27, 1942, and subsequent direction from Headquarters, Services of Supply, it was indicated that no further action on this project is required and the project should be considered closed.

43414

-3-

9/9/42 (Date of Initiation)

Quartermaster Corps (Supply Service)

1. Project description:

Project number: PD-458-42

Camouflage, Skin

2. Development laboratories:

3. Cooperating firms:

City

tate Mark Bridge Bridge

Althouse Chemical Co.

Reading

Pa.

Signature 2 HUR Livers

4. Progress description

Date

Month Day Year

1. Military characteristics approved by the Commanding General, Services of Supply

2. Work started on pilot model

10/30/42

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

10. Project dropped

11-30-42

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

458-42 CAMOUFLAGE, SKIN. - Dropped. This project has been referred to the Engineer Corps as per Directive from SOS.



5-15-42 (Date of Initiation)

SECRET

Quartermaster Corps (Supply Service)

Project number: PD-12-42

1. Project description: Cover

2. Development laboratories:

3. Cooperating firms:

City

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

11-30-42

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

12-42 COVER, BOOT - Dropped per SOS Directive

SECRET.

DEVELOPMENT PROJECTS

Aug. 26, 1942
(Date of Initiation)

SECRET

Quartermaster Corps (Supply Service)

1. Project description: Fabric, Overcoat, for W A A C

Project number: PD-436-42

2. Development laboratories:

Philadelphia, Q M D

3. Cooperating firms:

Horner Fabrics

City

Eaton Rapids

State
Mich

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

11-30-42

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

FABRIC, OVERCOAT, FOR WAAC. - Project dropped on development of a 26 or Melton fabric in view of decision to discontinue the woolen overcoat for WAAC's and use the Coat, Field, Long, Women's.

CRAT

DEVELOPMENT PROTECTS

# 1-31-42 (Date of Initiation)

1. Project description: Fruits & Vegetables
Dehydrated

Quartermaster Corps (Supply Service)

Project number: PD- 05-42

- 2. Development laboratories:
- 3. Cooperating firms:

City

tate standing the second of th

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

Project dropped. This is a continuous project. Research being carried on by Chicago Subsistence Laboratory under individual subjects.



DEVELOPMENT PROJECTS

7-15-42 (Date of Initiation)

T THAT SELECT

Quartermaster Corps (Supply Service)

1. Project description:

Project number: PD-415-42

Helmet, Civilian Defense (Substitute Material for)

- 2. Development laboratories:
- 3. Cooperating firms:

City

State State of Little Ball C. Links and Land Co. Li

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

11-30-42

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

415-42 HELMET, CIVILIAN DEFENSE. - Project dropped as there is a duplication in the Plastic Section Project 363-42 which is being actively pursued.

-8- - / 3

DEVELOPMENT PROJECTS

12-31-41 (Date of Initiation)

SECE

Quartermaster Corps (Supply Service)

- Mending Materials Project description: Project number: PD- 06-42 Repair Materials for Raincoats of various types
- Development laboratories:
- 3. Cooperating firms:

State

Progress description

Date

Year Month Day

- 1. Military characteristics approved by the Commanding General. Services of Supply
- 2. Work started on pilot model
- 3. Pilot completed
- Engineering tests completed 4.
- Services tests initiated 5.
- All service tests completed 6.
- 7. Redesign initiated
- Redesign completed 8.
- 9. Commanding General, Services of Supply approves standardization or project satisfactorily completed // 30 42
- 10. Project dropped
- Remarks (Show any recent developments since the last report.)
  - FABRICS, SYNTHETIC RESIN COATED, REPAIR OF .- Completed. A recommended 60-42 procedure has been prepared which has been turned over to the Salvage Branch.

Date of Initiation)

Quartermaster Corps (Supply Service)

1. Project description:

Project number: PD- 445-42

Pouche, Ambulance

- Development laboratories:
- Cooperating firms: 3.

City

4.	Progress	description		Date	
-	- Marian Course Transporter - William		Month	Day	Year

- Military characteristics approved by the Commanding 1. General, Services of Supply
- Work started on pilot model ..... 2. 10-30-42
- 3. Pilot completed
- Engineering tests completed 4.
- Services tests initiated 5.
- 6. All service tests completed
- Redesign initiated
- 8. Redesign completed
- Commanding General, Services of Supply approves 9. standardization or project satisfactorily completed
- Project dropped 10.
  - Remarks (Show any recent developments since the last report.) CLUUHH

Report of test indicated that an expendible type Project dropped. of Pouche, Ambulance will not satisfactorily

3-31-42
(Date of Initiation)

SECRET

Quartermaster Corps (Supply Service)

1. Project description:

Ration 3 in

Project number: PD- 04-42

- 2. Development laboratories:
- 3. Cooperating firms:

City



4. Progress description

Date

Month Day Year

7-31-42

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

Project complete. 5 in 1 Ration has been purchased in large quantities.



STATUS REPURT ON RESE DEVELOPMENT PROJECTS

10-31-42 (Date of Initiation)

Project description:

Quartermaster Corps (Supply Service)

Project number: PD- 240-42

Development laboratories: 2.

Chicago Q.M.C. Depot

Cooperating firms: 3.

City

State Classification Changed to Confidentia! Cancelled Secret By Authority The Q. M. G. RAY E. M. YEY, Capt., QMC. Signature

Dates

AUG 10-3

Progress description

Date Year Month Day

- Military characteristics approved by the Commanding 1. General. Services of Supply
- Work started on pilot model 2.
- Pilot completed 3.
- Engineering tests completed 4.
- Services tests initiated 5.
- All service tests completed 6.
- Redesign initiated 7.
- Redesign completed 8.
- Commanding General, Services of Supply approves 9. standardization or project satisfactorily completed
- Project dropped 10.
  - Remarks (Show any recent developments since the last report.)

Type C is being purchased in large quantities. Project complete. Continuous investigation is going on to improve the Ration.



DEVELOPMENT PROJECTS

### 9/9/42 (Date of Initiation)

1. Project description:

Sled, Horse Drawn

2. Development laboratories:

3. Cooperating firms:

Gregg Mfg. Co. Pratt Mfg. Co.

City

St. Paul Coldwater Quartermaster Corps (Supply Service)

Project number: PD-467-42

State whorth the RAY E Cards and

4. Progress description

Date Month Day Year

10/30/42

- 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

11-30-42

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

467-42 SLED, HORSE-DRAWN. - Dropped.per directive from SOS.



1-31-42 (Date of Initiation)

Quartermaster Corps (Supply Service)

1. Project description:

Project number: PD- 180-42

- 2. Development laboratories:
- 3. Cooperating firms:

City

State

Search

Confidential

C

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 11-30-42
- 10. Project dropped
  - 5. Remarks (Show any recent developments since the last report.)

180-42 STRAP, SKI SAFETY. - Standardized 10/24/42.



1-7-42
(Date of Initiation)

Quartermaster Corps (Supply Service)

1. Project description: Suit Battle , One-Piece Project number: PD- 295-42

City

2. Development laboratories:

3. Cooperating firms:

State State

4. Progress description

Month Day Year

- l. 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 #-30-

10. Project dropped

11-30-42

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

295-42 SUIT, BATTLE, ONE PIECE. - Project dropped as other items are being developed for the same use for which this suit was intended.



DEVELOPMENT PROJECTS

8-10-42 (Date of Initiation)

WIES KRAPET

Quartermaster Corps (Supply Service)

1. Project description:

Project number: PD- 177-42

Tent Mountain, 2 man, complete with pins & poles

2. Development laboratories:

Jeffersonville, QMD

3. Cooperating firms:

City

State

Hoosier Tent & Awming Atlantic Parachute Co.

Lowell

Mass.

Greekening Serret & Q. M. & Cool.

Signatura Per

4. Progress description

Date

Month Day Year

- l. 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 23 42
- 10. Project dropped

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

177-42 TENT MOUNTAIN 2 MAN. - Standardized 9-29-42. Specification JQD 207-A, 10/12/42, issued.

# 11-6-41 (Date of Initiation)

Quartermaster Corps (Supply Service)

1. Project description: Tent Squad Experimental 12 man

Project number: PD- 43-42

- 2. Development laboratories: Jeffersonville Q.M.C. Depot
- 3. Cooperating firms:

City

State Sperd He A. H. B. Level Miles

4. Progress description

Date Month Day Year

12-31-41

4-30-42

5-31-42

- 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

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

PD-43-42 Project completed. This tent has been accepted as a replacement for three former types of tents.



7/10/42 (Date of Initiation) Quartermaster Corps (Supply Service)

1. Project description:

Project number: PD- 443-42

Tent, Surgical, Truck

2. Development laboratories:

Jeffersonville QMD Carlisle Barracks Quartermaster, Fort Knox, Kentucky

3. Cooperating firms:

City

State State State Had a little of the state of the state

4. Progress description

Date Month Day Year

1.	Military o	characteristics	approved	by the	Commanding	
	General,	Services of S	upply			
•	*** 1 1 1		1 7		0	-

3. Pilot completed ..... 8 - 24 - 42

4. Engineering tests completed

5. Services tests initiated

6. All service tests completed

7. Redesign initiated 10-30-42

8. Redesign completed

9. Commanding General, Services of Supply approves standardization or project satisfactorily completed

10. Project dropped

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

443-42 TENT, SURGICAL, TRUCK. - Specification for Tent, Surgical, Truck is being prepared at the Jeffersonville Quartermaster Depot. Authorization has been received from Headquarters, Services of Supply, for the immediate procurement of this item.

-18-

SECRET